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ESTAB. 1859

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No. 2100 APRIL 24, 1920. VOL. XCII.

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"I have seen your advertisement for 'Odontase' in *The Tatler* and should be glad if you would send me a sample of the preparation. As an advertising man I would add that if the Paste is half as good as the advertisement it must be the best on the market."

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Ask our Representative, or write for Window Display terms

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New Lines

In addition to the Standard Full-Cream Glaxo, we are now producing (at the request of members of the Medical Profession) two other forms of Glaxo containing lesser proportions of butter-fat. They are known as

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Half-Cream Sweetened

ANALYSIS

Fats	14.00 %
Proteins	29.80 %
Carbohydrates	46.50 %
Mineral Matter	6.50 %
Moisture	3.20 %
Caloric Value, per 100 parts...	443.05

Supplied in Chocolate-printed Tins

Glaxo No. 2

Three-Quarter-Cream Sweetened

ANALYSIS

Fats	20.00 %
Proteins	26.90 %
Carbohydrates	44.00 %
Mineral Matter	5.90 %
Moisture	3.20 %
Caloric Value, per 100 parts...	476.69

Supplied in Green-printed Tins

NOTE.—Glaxo No. 1 and Glaxo No. 2 contain approximately 9.5 % of Cane Sugar, the remainder of the carbohydrates being Lactose (Milk Sugar).

One size only 3/- retail price

N.B. As an infant food Glaxo No. 1 and Glaxo No. 2 should be supplied only upon a doctor's prescription for use in special cases. No. 1 is for babies under THREE MONTHS of age only, and No. for babies under SIX MONTHS only. It is to be strongly recommended that all babies be put on Standard Full-Cream Glaxo as soon as possible. Being sweetened, these are useful milks for household use.

Glaxo No. 1 and Glaxo No. 2 are supplied on exactly the same terms as Standard Full-Cream Glaxo. Emergency orders for small supplies by post will be executed promptly by our Wholesale Distributing Agents, if the usual Wholesaler does not hold stock.

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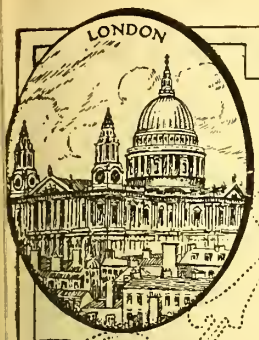

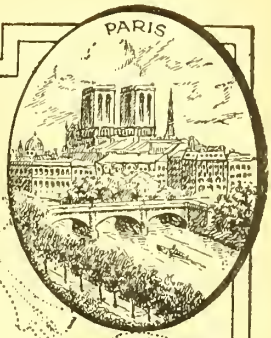

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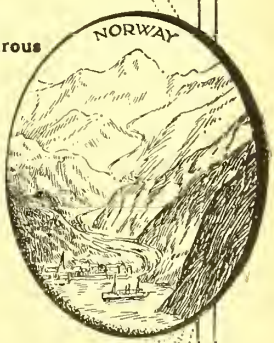

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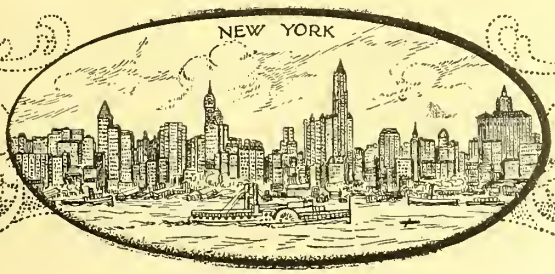

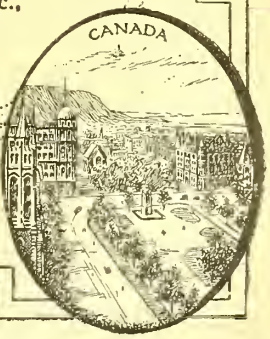

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"Okal,"
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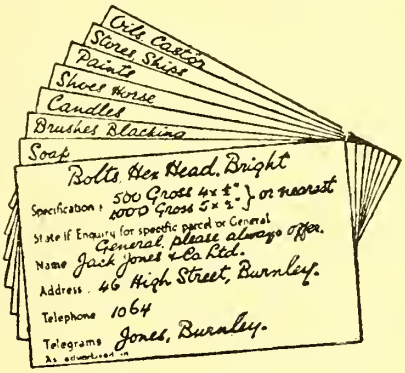

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These will be sorted and filed as card indices, with the result that directly the items you are interested in are scheduled you will be communicated with. It may be to-day or three weeks hence, but whenever available you will hear from us.
Think over your future as well as your present requirements. With the world shortage, what you may require in the future may be gone if you do not notify your needs promptly.

Don't blame us if you are not supplied, we are announcing broadcast our desire to supply you. It is necessary for you to respond quickly in the manner indicated.

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A Copy of this Prospectus has been filed with the Registrar of Joint Stock Companies.

No part of the proceeds of this Issue is to be applied for capital purposes outside the United Kingdom or to replace money which has been so applied.

The Subscription List will close on or before Friday, the 30th day of April, 1920.

The permission of the Committee of the Stock Exchange for dealing in the Shares now issued will be applied for in due course.

No part of this Issue has been or will be underwritten.

LYSOL LIMITED

(Incorporated under the Companies Acts, 1908 to 1917.)

CAPITAL - - - £150,000.

Divided into 150,000 Shares of £1 each.

ISSUE of 100,000 Ordinary Shares of £1 each at par.

Payable as follows:

On Application - - -	2s. 6d.	per Share.
On Allotment - - -	7s. 6d.	,,
One Month after Allotment -	10s. 0d.	,,

APPLICATIONS FROM CUSTOMERS OF THE COMPANY WILL RECEIVE SPECIAL CONSIDERATION.

Directors.

CHARLES BELL, 9/10 and 33 St. Mary-at-Hill, London, E.C. 3., Chemical Merchant (Chairman).

SIDNEY H. MARSHALL, Lysol Works, Crayford Mills, Stratford, E. (Managing Director).

ERNEST JOHN PARRY, B.Sc., F.I.C., F.C.S., 56A Great Dover Street, S.E.

Bankers.

BARCLAYS BANK, LIMITED, City Office, 170 Fenchurch Street, London, E.C. 3. Head Office, 54 Lombard Street, London, E.C. 3, and Branches.

Solicitors.

C. J. SMITH & HUDSON, 5 Fenchurch Street, London, E.C. 3.

Brokers.

H. VIGNE & SONS, 2 Tokenhouse Buildings, E.C. 2, and Stock Exchange.

Auditor.

ARTHUR B. RUSSELL, Chartered Accountant, 11 Ludgate Hill, London, E.C. 4.

Secretary and Registered Offices.

H. A. MACGILLIVRAY, 9/10 St. Mary-at-Hill, London, E.C. 3.

PROSPECTUS.

OBJECTS.—The Company has been formed to take over as a going concern the present private Company of Lysol Limited of 9-10 St. Mary-at-Hill, E.C., and Crayford Mills, Warton Road, Stratford, E., and Lysol Works, Raynes Park, S.W., together with the subsidiary Company of Lucille Frères, Ltd., of Crayford Mills, Stratford, E., including all the Trade Mark Rights, Goodwill and Freehold and Leasehold Factory premises and land at Raynes Park, London, S.W., and at Stratford, E.

The private Company was incorporated in October 1914 primarily to manufacture the well-known antiseptic and disinfectant LYSOL. Prior to the war this article was of German origin, and enjoyed a large sale in this country. The German trade mark rights in the United Kingdom, however, were abrogated by the Board of Trade, in common with others, such as those of Sanatogen, Aspirin, Formamint, etc.

The private Company immediately started manufacturing Lysol in order to meet the demand for such an important antiseptic. Owing to the failure of German supplies this demand became acute, and fortunately that Company was able to take advantage of the services of the present Managing Director, who was familiar with the peculiar processes of manufacture employed by the Germans, and thus to commence production at once.

Under the trade mark name of "MARSHALL'S 'L' BRAND LYSOL" the Company's product has acquired a reputation for excellence which places it in the forefront of preparations of its kind.

Owing to the continually increasing sale the resources of the private Company have been taxed to their utmost, and in order to keep pace it is necessary that plant on a much larger scale be laid down. The Home sales of "L" BRAND LYSOL to-day are already in excess of the sales of the German-owned "Lysol" before the war. The excellence of the Company's manufacture is evidenced by the following extracts from reports, etc.

REPORTS.—"The claims made in regard to the advantages of this preparation ('L" Brand Lysol) are confirmed by our examination. One important point is that it is quite without free alkali; so much so, that its solution in water gives no reaction whatever with the delicate phenolphthalein test. Further, it is not made with caustic soda, but with caustic potash. We obtained marked evidence of the presence of potash salt. The preparation is not only miscible with water, but as we have found, with alcohol, glycerine, and even chloroform. It is evidently, therefore, a very pure combination of potash soap and cresol. Whilst it is an active detergent, preparing, so to speak, the ground for the action of the antiseptic, it is non-caustic. On separating the soap by means of alkaline lime solution we obtained a yield of cresols amounting to just 50 per cent. Amongst preparations of its kind this is evidently a standard product, and one over which particular care is exercised to secure an article constant in composition and antiseptic value."—The Lancet, May 20th, 1916.

"It is a clear liquid, resembling in general physical characters the German-made Lysol obtainable before the war. It contained according to our analysis: Combined Potassium, calculated as Potassium Hydroxide 4.78%, Cresols 51.0%. No free alkali was present.

The preparation, when mixed with moderate quantities of distilled water, formed a bright solution, which frothed well on shaking. It was also perfectly miscible with all proportions of alcohol, chloroform, or glycerol, giving solutions which were quite free from turbidity."—The British Medical Journal, July 8th, 1916.

"Our experience is that 'L' Brand Lysol is an effective antiseptic, which can be used in all cases where in pre-war days the German product was employed."—Medical Press, June 27th, 1916.

"The percentage of free cresols contained in 'L' Brand Lysol is maintained at a constant 50 per cent., and the greatest care and supervision is given to its manufacture. Hence its value as a germicide is assured, and it may be used for all surgical and antiseptic purposes with the greatest confidence."—The Medical Times, May 6th, 1916.

MARSHALL'S "L" BRAND LYSOL is used by leading surgeons and doctors, by the nursing profession, and by numerous large undertakings, institutions and hospitals.

It was also extensively used during the war by the British Red Cross Society, Royal Army Medical College, India Office, Canadian Military Authorities, etc., Ministry of Munitions.

Apart from the manufacture of LYSOL, which may be considered the main product of the Company, a valuable series of toilet articles are also made. Already the sales of these articles bid fair to equal, if not to surpass, the sales of LYSOL, and to become an important and increasing profit-earning asset of the Company. These are the well-known OSYL TOOTH POWDER and PASTE and LIQUID DENTIFRICE, LYSOLINE HAIR TONIC and SHAMPOO, LYSOL TOILET SOAP, LYSOL SURGICAL SOAP, LYSOL SHAVING SOAP and SKIN SOAP, etc.

Fancy Toilet Soaps are also made by the Vendor Company, and issued by them under the name of the subsidiary Company, Lucille Frères, Ltd. These are perfumed soaps, and this series will be considerably augmented in the immediate future.

The OSYL preparations have been received by the public with considerable favour. They are quite unique in their qualities as dentifrices, possessing distinction in their detergent and antiseptic standard unlike any similar preparation now offered to the public.

Apart from the OSYL lines the Company possesses in the LYSOLINE HAIR TONIC and SHAMPOO preparations a property capable of considerable development.

The formula of LYSOLINE was evolved by the private Company's chemist from data supplied to the Company from time to time by medical men. It is a preparation that possesses real merit in the treatment of hair troubles, and has received the highest commendation from medical men and the public.

From the moderate amount of advertising already embarked upon the results are most encouraging, and the sales of this particular article alone should be enormous. A well-known hair preparation at present on the market is known to sell in millions of bottles yearly and to bring in a very handsome profit.

In addition to the important Home trade, considerable Export business can be confidently looked forward to. Already the Company has a large and growing connection through their Agents in Canada, India, China, South Africa, Australia, New Zealand, Egypt, South America, and elsewhere.

From the above it will be seen that the Company's activities are not confined to one particular article, but embrace a whole series of goods in popular demand, the sales of which are bound to increase as they become more widely known. The demand for articles of the kind manufactured by the Company ranges over a very wide field. The higher standard of living, together with the higher earning power of the people, all contribute to increase such demand.

The opportunity to invest in Companies owning proprietaries of this class is one seldom occurring.

ESTIMATED TURNOVER AND PROFITS.—The amount of capital employed by the old Company was comparatively small, but the trading turnover and profits were good. In 1917 the capital employed averaged £5,680, and the turnover amounted to £22,423. In 1918 the capital averaged £8,200, and the turnover advanced to £42,307. In 1919 £11,900 was the average capital in use, and the turnover for that year increased to £53,685. So far as the present year is concerned the orders executed and in hand for the first two months amount to £18,000. Under the agreement mentioned below, made between Lehn & Fink, Inc., of New York, and the Company, one-third of the net profits arising from the sale of Pebeco Tooth Paste in Canada will be paid to the Company. With the increased capital and facilities provided by the present issue the Directors are of the opinion that there will be no difficulty in paying dividends of at least 12 per cent. on the capital now asked for, after making full provision for depreciation, reserves, and other outgoings.

PURPOSE OF ISSUE.—The purpose of the present issue is to provide new working capital and additional factory accommodation. The old Company have been greatly hampered in their production owing to having outgrown their present premises at Stratford, where it is impossible to cope with the increasing turnover.

Modern up-to-date premises with spare land have been acquired at Raynes Park, S.W., where the new Company will be able to cope with the present business and to deal satisfactorily with the increased turnover which is bound to accrue from the facilities and fresh capital provided by the present issue. After payment of the purchase price, which includes the factory above mentioned, and allowing for expenses of this issue, there will remain £25,000 working capital, which will be ample for all present requirements.

VALUATION.—The Assets of the Vendor Company, excluding Goodwill, are as follows:—

Assets as valued by Messrs. Bradshaw, Brown & Co., Billiter Square, E.C.:—

Freehold Factory Buildings and Land at Raynes Park	£22,500	0	0	
Leasehold Factory Buildings at Stratford	3,850	0	0	
Fixed and Loose Plant, Machinery, etc.	3,950	12	6	
				£30,300 12 6
Other Assets as shown by the books of the Company at 31st December, 1919:—				
Stock in Hand	£11,968	5	2	
Book Debts, Cash in Hand, Bills, etc.	11,316	1	3	
Investments	1,415	0	0	
				24,699 6 5
				£54,999 18 11

The Company will purchase the business as at 17th April, 1920, at the price of £70,000, including the above assets and £15,000 for Goodwill and Trade Marks. The profits of the business from the 31st December, 1919, to 17th April, 1920, will belong to the Vendor Company.

The purchase price is payable in cash.

The Directors and their friends have applied for 25,000 Shares, which will be allotted to them in full.

THE VENDOR COMPANY WILL PAY ITS OWN LIABILITIES.

AUDITOR'S REPORT.—The accounts of the private Company have been audited from its inception by Mr. Arthur B. Russell, Chartered Accountant, of 11 Ludgate Hill, E.C., whose certificate is as follows:—

Marlborough House,
11 Ludgate Hill, London, E.C. 4.
2nd March, 1920.

To the Directors of Lysol, Limited,
9 & 10 St. Mary-at-Hill, London, E.C. 3.

Dear Sirs,—I have examined the books and accounts of Lysol, Limited, and report as follows:—

From 14th October, 1914, to 31st December, 1916, the Company was engaged in establishing its business, and the cost of so doing was greatly in excess of its earnings.

For the three years from 1st January, 1917, to 31st December, 1919, the Net profit after writing off the cost of Advertising and all Trading Charges, except Management Fees, Income Tax and Excess Profits Duty, was equal to:—

For the year 1917 ... 36 per cent. on the capital employed.
1918 ... 35 ,, ,, ,, ,, ,, ,,
1919 ... 39 ,, ,, ,, ,, ,, ,,

Yours faithfully,

Arthur B. Russell.

The following information is given in compliance with Section 81 of the Companies Act, 1908:—

(*a*) The Company's Articles of Association provide:—The qualification of every Director shall be the holding of shares of the Company of the nominal value of £500. The Directors shall be paid out of the funds of the Company by way of remuneration for their services at the rate of £500 per annum, and such further sums as the Company in General Meeting may from time to time determine, and such remuneration shall be divided among them in such proportions and manner as the Directors may determine, and in default of such determination within the year, equally. The remuneration of the Managing Director shall be in addition to his remuneration as an ordinary Director of the Company.

(*b*) The preliminary expenses of the Company are estimated at £5,000.

(*c*) The Vendors are LYSOL Limited, 9-10 St. Mary-at-Hill, London, E.C. 3.

(*d*) On a show of hands every member present in person shall have one vote, and at a Poll every member present in person or by proxy shall have one vote for every £1 in the Ordinary Share capital of the Company held by him.

(*e*) The minimum subscription upon which the Directors may proceed to allotment is 7 shares, but as applications for a considerable sum have been received the Directors will proceed to allotment on the closing of the List.

(*f*) Mr. Chas. Bell and Mr. Sidney H. Marshall are Chairman and Managing Director of the Vendor Company, and interested therein to the extent of £8,000 and £2,000 respectively.

The Company has entered into the following contracts:—

(1) An Agreement for the sale of the before-mentioned assets to this Company, dated the 23rd day of April, 1920, and made between Lysol Limited, thereinafter called the Vendors, of the first part, Arthur B. Russell, the liquidator thereof, of the second part, and this Company of the third part.

(2) An Agreement dated the 23rd day of April, 1920, and made between Sidney H. Marshall of the one part and this Company of the other part, in which the said Sidney H. Marshall agrees to serve the Company as Managing Director for a term of ten years on the terms and conditions set out therein.

(3) An Agreement dated the 13th day of January, 1920, and made between Lehn & Fink, Inc., of New York, of the one part, and the Vendor Company of the other part.

The above-mentioned Contracts, or copies thereof, a print of the Memorandum and Articles of Association and the originals of the Auditor's Certificate and of the Valuers' Reports can be seen at the Offices of the Solicitors—Messrs. C. J. Smith & Hudson, Fenchurch Street, London, E.C. 3, between the hours of 11 A.M. and 4 P.M. on any day whilst the lists remain open.

Brokerage at the rate of 3d. per Share will be paid on Shares allotted in response to applications bearing the Stamps of Bankers, Brokers, or other authorised agents.

Applications for Shares should be made on the forms accompanying the Prospectus, copies of which can be obtained from the Bankers, Solicitors, or Brokers to the Company, or at the Registered Offices, and sent to the Company's Bankers with a remittance for the amount payable on application.

Failure to pay any instalment when due will render the previous payments liable to forfeiture and the allotment to cancellation.

Interest at the rate of 10% per annum will be charged on overdue instalments.

24th April, 1920. **[P.T.O.**

THIS APPLICATION FORM MAY BE USED.

No.....

LYSOL LTD.

ISSUE OF 100,000 ORDINARY SHARES OF £1 EACH.

FORM OF APPLICATION FOR ORDINARY SHARES.

To the Directors of LYSOL LTD.

GENTLEMEN,—

Having paid to the Company's bankers the sum of £.....being a deposit of 2*s*. 6*d*. per Share on application fo .....Ordinary Shares of £1 each in the above-named Company, I/We request you to allot me/us that number of Ordinar Shares upon the terms of the Company's full Prospectus, dated the 24th of April, 1920, and of the Memorandum and Article of Association of the Company, and I/We agree to accept the same, or any smaller number that may be allotted to me/us an to pay the amount due on allotment, and the further instalments as provided by and at the times specified in such fu Prospectus, and I/We authorise you to register me/us as the holder(s) of the said Ordinary Shares. I/We hereby declar that this application is not made by or for the benefit of an enemy subject within the meaning of the "Trading with th Enemy Amendment Act, 1916."—Yours faithfully,

Usual Signature.....

Surname.....

Please Write Distinctly.

Christian Name or Names.....

Address.....

Profession or Occupation.....

(A Lady should state whether a Spinster, Wife, or Widow.)

Date.....

This form to be sent entire with the deposit of 2*s*. 6*d*. per Share on the number of Shares applied for to Barclays Banl Ltd., City Office, 170 Fenchurch Street, London, E.C. 3, or any other of their Branches.

Cheques should be made payable to Bearer, and crossed Barclays Bank, Limited. If altered from "Order" to "Bearer, the alteration should be signed by Drawer.

An acknowledgement will be forwarded in due course either by Allotment Letter or return of deposit.

"FARRIS'S"

GENUINE WHITE BEESWAX.

PURE ENGLISH REFINED SPERMACETI.

WAXES of every known kind and for every purpose.

Celebrated for excellence and purity—nearly three quarters of a century.

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The only actual Manufacturing Wax Chandler in the City of London.

Works—HELMET COURT, BISHOPSGATE, E.C.

Maw's Page

NUMBER 445.
APRIL 24, 1920.

S. MAW, SON & SONS, LTD • 7-12, ALDERSGATE ST. LONDON, E.C.1.

GET READY!

The Winter having passed, Spring in full bloom and Summer approaching, the Holiday season will soon commence.

- - - - - -

With the hot Summer months approaching people flock, as if called by nature, to the seaside. This, of course, means a big demand on Bathing Caps. Very numerous and highly successful have been the attempts to modernise and create a dainty style of Bathing Costume. Not so successful, however, have been the innovations regarding Bathing Caps. If artistic, they are generally useless for hair protection, and when made in a satisfactory material the result has been crude in both colour and outline.

- - - - - -

The House of Maw, ever ready to meet the demand, have procured a particularly fine selection of Bathing Caps which will prove waterproof, yet pretty in both colour and outline.

- - - - - -

These particulars we hope to publish in our May issue of the M.S.S.

- - - - - -

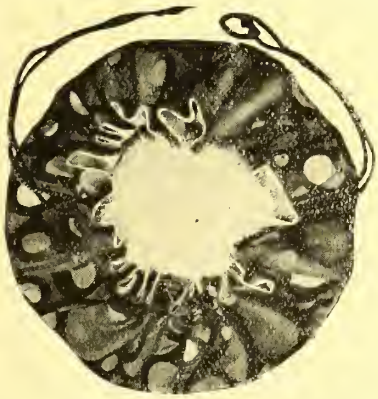
Pharmacists! get ready for the oncoming season. Deal with the House of Maw, who have a reputation of 113 years. Remember the old proverb:

"A good reputation is preferable to a girdle of gold."

Discus

The 'Cleopatra'

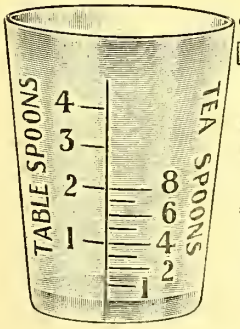
A Puff of Distinction



WITH the first breath of Spring awakens a sense of beauty in the heart of every one of the fair sex. For charm of design and beauty of colour—as delicate as it is strong and durable—the "CLEOPATRA" Bag Puff is unexcelled. It is, without the slightest doubt, the very latest in Puffs. It might be termed "a delightful accessory to the ladies' toilet."

The oriental design, comprising six pleasing colours, makes it attractive and distinctive. This Puff is silk-lined, corded, and the down used is the very best procurable. The appealing powers of this Puff are irresistible. Such an opportunity no pharmacist can afford to miss.

Price **36/-** per dozen.



"Guaranteed Accurate"

IN spite of the ruling high prices of glass, we are able to offer a useful graduated Medicine Tumbler at a comparatively low cost. The graduations are engraved to four tablespoons and eight teaspoons (guaranteed accurate).
Made of good quality thin glass, well-finished, measuring 2½ in. high.

These will make a serviceable addition to your customers' medicine chests.

No. 21.—In one dozen boxes, price **12/9** per dozen. Each in red case, **15/-** per doz.

TELEPHONE: CITY 7 (PRIVATE BRANCH EXCHANGE). TELEGRAMS: "ELEVEN, CENT. LONDON."

"REUDEL IS VERY RESTLESS!

I Have Difficulty in Keeping It On the Shelf."

Read what this chemist says about

REUDEL BATH SALTRATES AND ALKIA SALTRATES

The best of all preparations for the bath.
Sells at 2/- and 3/3 (P.A.T.A.).

The acme of perfection in salines.
Sells at 3/3 a large bottle (P.A.T.A.).

NOTE.—Mr. Robertson's letter, reproduced below, was sent us without solicitation of any kind.

SALTRATES LTD.

MEMO.

CHARLES ROBERTSON,
CHEMIST AND
PHOTOGRAPHIC DEALER,
115, Market Street, ST. ANDREWS.

Telephones—Shop No 178. House No. 178A. NIGHT BELL.

Feb. 9th 1919.

Saltrates, Ltd.,
214 Great Portland Street,
London, W., 1

Dear Sir

Please send enclosed order carriage paid.

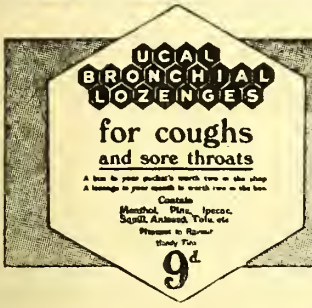
Reudel is very restless. I have difficulty in keeping it on the shelf.

This may interest you:- At the same time I received an order for Reudel by post yesterday, I had a customer at my counter calling for a second packet. A few moments after, another customer called for 3/3 Alkia.

In less than a quarter of an hour I had realised 3/1 profit, from your advertising. Very interesting, that, isn't it? I am always interested in results from advertising, being a keen believer in printers ink.

Yours very truly,

Chas Robertson



UCAL "SILENT SALESMEN"

"Helps to Window Dressing." *Little but Good.*

Every month Ucal provides all members with a set (usually three) of small but effective showcards, dealing with "the speciality of the month."

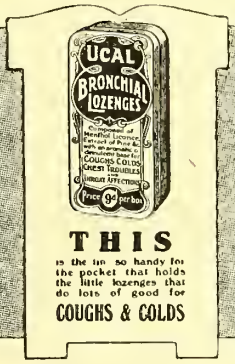
These are quite distinct and different from the larger and more elaborate cards which are available for all lines—because they serve different purposes.

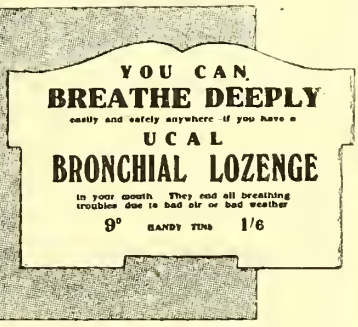
On counter, or in window, these briefly but pithily worded bits of salesmanship "fit in" many a corner where larger cards could not be put.

In some simple fashion, it may be shape or colour, or design, they always have a touch of difference, of individuality, **something** which lifts them out of the commonplace, and gets their message **read.**

Their popularity among members can only be accounted for by merit. They sell goods.

This is only one of many items of the Ucal Advertising Service which is free to all members.





Personal.—If you have not yet signified your desire to become a member of Ucal—do so quickly, for the queue (the Waiting List) **grows.**

UCAL CHELTENHAM

YOU WILL MAKE OVER

33 1/3 %

PROFIT

ON TURNOVER.

The record sale for G. O. Lemonade in one Pharmacy in 1919 was over £100 worth at Selling Prices.

ORDER YOUR BONUS PARCEL — QUICKLY.

WE knew that G. O. LEMONADE would create interest at Stand 26 at the Chemists' Exhibition, but the actual sales have exceeded our expectations. The Exhibition Bonus Parcels were in evidence, and they were "snapped up" by live pharmacists in readiness for the hot weather demand.

G. O. LEMONADE

will be very much in evidence this summer. Have you secured your Bonus Parcel? Order now to prevent delay later. Rapid Sales. No Dead Stock.

BONUS PARCELS.

The two following suggested BONUS PARCELS comprise all the sizes, and show you a clear Profit on Turnover of over 33⅓ per cent.:

No. 1 Parcel—	1 gross 2d.	=	0 17 6
	9 dozen 3½d.	=	1 2 6
	1 dozen 1/3	=	0 10 6
			£2 10 6

(1 dozen 6½d. free in payment for display.)

No. 2 Parcel—	½ gross 2d.	=	0 8 9
	7 dozen 3½d.	=	0 17 6
	1 dozen 6½d.	=	0 4 6
	2 dozen 1/3	=	1 1 0
			£2 11 9

(1 dozen 6½d. free in payment for display.)

Sent Carriage Paid direct for Cash with Order, or through your Wholesale House.

Bonus Parcel can be varied to suit customer's requirements.

The GREENWICH LEMONADE CO., 11 John Penn St., S.E.13

(J. Milner, M.P.S., Proprietor)

Phone: 947 Greenwich. Telegrams: "Cortlimon, Dept, London."

Yes, we are the ACTUAL Manufacturers of

SCREW CAPS

Aluminium, Nickelled Zinc & Tin.

Sizes, Zero to No. 44.

DISINFECTANT MEASURES IN ALUMINIUM. TWO SIZES.

Wholesale trade only supplied.

Note, that for the moment we cannot guarantee delivery of Aluminium on account of shortage of metal, but Nickelled Zinc and Tin can be delivered immediately.

A. S. CARTWRIGHT, Ltd.,

NORTHFIELD, BIRMINGHAM.

AYRTON'S WEEKLY PAGE 15

Nowadays it's Ayrton's Lemonade Tablets

Indispensable for Pic-nics and home use. They are so easy to prepare.

Drop a tablet in a tumbler of water, in a few moments you have a sparkling, refreshing and thirst-quenching lemonade, with the full flavour of ripe lemons.

NO SUGAR REQUIRED.

Ayrton's Lemonade Tablets are packed 6 tablets in an attractive carton, and 12 cartons in an outer, very convenient for counter and window display.

ATTRACTIVE SHOW MATERIAL WITH ALL ORDERS

Per dozen - 4/10; per gross - 58/-

Ayrton's
Thirst Quenchers

are delicious lemon circles which melt on the tongue.

They are a boon to Cyclists, Tourists, etc.

1½d. size	-	per gross,	**12/-**
3d. „	-	„ „	**24/-**
9d. „	-	„ „	**78/-**

May we send you a sample?

AYRTON, SAUNDERS & Co. Ltd. LIVERPOOL

JOHN JAKSON & Co.

(MITCHAM ROAD) LTD.

WEST CROYDON, SURREY.

SEVEN FARMS and THREE DISTILLERIES in SURREY.

Gold Medal

Paris Universal Exhibition, 1900.

HORS CONCOURS

BRUSSELS, 1910.

MEMBER OF JURY

LONDON, 1912.

GHENT, 1913.

FRANCO-BRITISH EXHIBITION, LONDON, 1908

Grand Prize.

The Highest Awards for the production of

ESSENTIAL OILS OF

PEPPERMINT, LAVENDER and CAMOMILE.

ORIENTAL "DISTOL"

The Vogue of Oriental Perfumes

The present demand for perfumery of the heavy, oriental type is met very completely by 'Distol' Ottos.

"Distol" Oriental, Nubian Poppy, Bouquet, Passion Flower, Tréfle, Orchid and Royal Orchid are all variations of this theme.

An ounce of any of them costs 7/6 and makes 80 ozs. of choice perfumery by the mere addition of S.V.R. and Aq. Dest. Write now for samples of six oriental perfumes made under commercial conditions from "Distol" Ottos.

THOMAS KERFOOT & Co Ltd.,
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

COPYRIGHT

ABSORBENT COTTON WOOL

"ZORBO" Regd.

"Superfine" Quality.

Black Series

IN PACKETS.

1 lb.	8 oz.	4 oz.	2 oz.	1 oz.
50/-	26/-	14/-	7/6	4/- per dozen.

IN CARTONS.

1 lb.	8 oz.	4 oz.	2 oz.	1 oz.
52/-	26/6	15/-	8/3	4/6 per dozen.

IN TINS.

1 lb.	8 oz.	4 oz.	2 oz.
57/6	31/-	17/-	10/- per dozen.

Superlative Packing. Irreproachable Finish.
Undoubted Satisfaction.

ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C 5TH EDITION.

CG&Co Ltd TRADE MARK

Have YOU secured good stocks of

"COMPACTOID"

POCKET & OTHER

FIRST-AID CASES?

These are indispensable to all Sportsmen, Golfers, Scouts and Girl Guides, and no effort is required to sell these smart outfits.

The Case illustrated (A 55) is one of the best sellers for the Chemist's counter, but there are *twenty more* Cases to select from. Please write for particulars.

CASE A 55.

Wholesale price	...	per doz.	18/-
Retail ,,	...	each	2/-

Descriptive booklets supplied free with orders for 1 doz. Cases or more.

A 55.

Cuxson, Gerrard & Co.
LTD.
Oldbury, near Birmingham.

Foreign & Colonial Orders Invited.

NESTOR MOURANCHON.

Offices: 40 Rue Damremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/92.
Distilleries and Laboratories; Chateauneuf-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli, Otto of Rose, Violet Essence, Gant de Saxe.

"ESSENCES DE MONTAGNE" and Imported Products.

Lavender, Aspic, Thyme, Giroflé, Badiane, Geranium, Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone: Avenue 3543. Telegrams: "Abrezical, Phone, London."

WHOLESALE & EXPORT ONLY.

LA ZAGARA,

REGGIO, CALABRIA (Italy),

Co-operative Society of Citrus Plantation Growers and Essential Oil Makers.

Buy Direct from Actual Producers

HIGHEST-GRADE GENUINE CALABRIAN OILS OF

LEMON
BERGAMOT
ORANGE

MANDARIN. PETIT-GRAIN. NEROLI.

BERGAMOT

is an exclusive product of REGGIO, CALABRIA

Sole Agent for the United Kingdom:

C. A. CHARPENTIER,

184 Aldersgate Street, LONDON, E.C. 1.

Phone: City 7941.

PURE ESSENTIAL

OIL OF HOP.

Singly and fractionally distilled.

HIGHEST CONCENTRATION AND PURITY GUARANTEED.

Prices, samples and information from the distillers:—

WHITE, TOMKINS & COURAGE, LTD.

HEAD OFFICE:

48 Mark Lane, LONDON, E.C. 3.

And at

LIVERPOOL, BELFAST, BOSTON, and TANDRAGEE.

Orisal Regd.

The successful Remedy for PYORRHŒA.

Prescribed by the Dental Profession.

PRICES.

Wholesale (including Government Duty)				Retail
Dental Paste	23/- per doz.	,,	6d.	2/3 per tube
Mouth Wash	48/- ,,	,,	1/-	4/9 per bottle
Special Brush	24/- ,,	...	...	2/6 each

Attractive discounts to retailers willing to push these Specialities.

Of Wholesalers, or direct from

ORISAL Ltd., 77 George St., Portman Sq., W. 1

PREEMO

Concentrated Essences, Floral Ottos & Compounds

For Making all kinds of Toilet Preparations.

You can make up your own Toilet Lotions, Hair Tonics, Brilliantines, Perfumes, &c., just as easily and profitably as your own Nerve Tonics, Stomach Mixtures, &c.—perhaps more so. Hundreds of Chemists are doing it since we showed them the easy Preemo-way. May we show you ?

THE PREEMO PRODUCTS are far ahead of all others in Purity, Strength and Odour, and they have rendered the manufacture of Toilet, Preparations as simple as ABC. Perfect solubility is their big point, whether used in Water, Spirit or Oil. They do not float on the top, or rest at the bottom, but blend thoroughly with the whole preparation, giving it a Perfume that is powerful, distinctive, and lasting. You owe it to yourself and to your customers to investigate this line. We will gladly give you all necessary information and advice, and with a trial order we will supply useful Recipes.

SEND FOR FREE SAMPLES.

We will respond promptly to all bona fide inquiries.

The PREEMO CONCENTRÉ & ESSENTIAL OIL CO.,

63 HIGH HOLBORN, LONDON, W.C. 1.
Telephone: HOLBORN 3095.

32 RUE DE MONTENOTTE, PARIS.
Telephone: WAGRAM 27-35.

POLAK & SCHWARZ LTD.

ESSENCES.

ESSENTIAL OILS.

AROMATIC CHEMICALS.

FLOWER OILS.

SYNTHETICS.

ZAANDAM. BOIS-COLOMBES

HOLLAND. FRANCE.

SYNTHETIC OTTOS

"Zinyl" Brand (Regd.)

TRUE SYNTHETIC PRODUCTS

THESE Ottos are intensely strong and quite different from Concentrated Perfumes, generally made to a uniform concentration of, say 40 times.

REVISED PRICES

BERGAMOTTE. A substitute for Natural Bergamotte Oil ... ... 17/6 lb.

CARNATION. Intensely fragrant, exactly resembles the flower ... 10/- oz.

GERANIUM. Much stronger than the natural perfume ... ... 5/- oz.

HELIOTROPE. The true odoriferous principle of this delightful flower... 10/6 oz.

HYACINTH. Gives a fine delicate perfume ... ... 9/6 oz.

JASMIN. We consider this Otto one of the best of the series ... ... 10/6 oz.

LAVENDER. Stronger than the natural oil ... ... 5/- oz.

LILAC. A true synthetic product of great delicacy ... ... 9/6 oz.

LILY OF THE VALLEY. A perfect imitation of the flower ... ... 13/6 oz.

NEROLI. Of exquisite flavour; very useful in making Eau de Cologne 10/- oz.

ORANGE BLOSSOM. A very delicate perfume, though not so powerful as some of the series ... ... 11/- oz.

PINK. An exquisite product, true to the flower ... ... 10/- oz.

ROSE. One of the finest and most delicate Synthetic Ottos on the market. The "Zinyl" Brand passes the most discriminating tests, and is almost indistinguishable from genuine otto, and, though much stronger, costs but a fraction of the price ... ... 21/- oz.

ROSE RED. This is the Red Rose of Provence ... ... 21/- oz.

ROSE WHITE. ... ... 18/- oz.

SWEET PEA. A novelty recalling the delightful odour of this favourite flower ... ... 10/- oz.

SYRINGA. Also a new product ... 10/- oz.

VIOLET. A universal favourite, in general demand ... ... 10/6 oz.

VIOLET DE PARME. A variation of the preceding Otto ... ... 15/- oz.

WALLFLOWER. Recalls this beautiful old-fashioned flower ... ... 10/6 oz.

Oriental Synthetic Otto

"ZINYL" BRAND.

This beautiful product has a most powerful heavy odour absolutely reminiscent of the Far East, and is a pronounced success, being already supplied to various well-known houses.

17/6 oz.

H. E. STEVENSON & CO.

122 Great Suffolk Street, London, S.E. 1.

NEARLY 40 YEARS' EXPERIENCE AT YOUR SERVICE.

TERPENELESS OILS
BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE
GERANIOL
CITRAL
EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE.

SPINELLI

The Oils that have a Long Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.
Lavington Street, Southwark, LONDON, S.E.1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman Street, NEW YORK.
CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

Lescol Perfumery

NOTICE.

New and attractive lines will be brought out shortly, and an illustrated catalogue sent out. In the meantime we will send on application a supplementary list of lines in stock, popular in price and advantageous in sale.

We can also offer to advantage Perfumery in Bulk in two qualities—Essential Oils of guaranteed purity; Floral Ottos for Cachous, &c.; Fruit and Soluble Essences, Chemicals, &c.

THE LONDON ESSENCE CO., Ltd.
(Proprietors of THE LESCOL PERFUMERY CO.)
Lomond Grove, Camberwell, LONDON, S.E.5.

Telephone: 810 HOP.
Telegrams: "VANILLIN, CAMBER, LONDON."

LONABARC TRADING COMPANY

LIMITED.

5 FINSBURY SQUARE, LONDON, E.C.2.

WE ALWAYS HOLD LARGE LONDON STOCKS OF:

SPIKE LAVENDER. ROSEMARY.
RUE.
JUNIPERWOOD. JUNIPER BERRY.
FENNEL.
NEROLI BIGARADE. LAVENDER 10/12 ESTERS.
PENNYROYAL.
RED THYME. WHITE THYME.
LAVENDER FLOWERS.
STRAMONIUM LEAVES. CHAMOMILE FLOWERS.
EUCALYPTOL CRYSTALLIZABLE.

PURE ESSENTIAL

SPANISH OILS.

TELEPHONE: CLERKENWELL 2096.

TELEGRAMS: "LONABARC, AVE, LONDON."

NEW CROP 1919-1920

PURE ESSENTIAL OILS
TERPENELESS ESS. OILS

BERGAMOT
SWEET ORANGE,
BITTER ORANGE,
LEMON, MANDARIN,

NEROLI "D'ITALIA"

The Best on the Market.

EXPORTATION THROUGHOUT THE WORLD

Export Agent:
Giuseppe Macajone, MILAN
Via Canova 25 (Italy).

Cresp-Martinenq

(Grasse, France),

Manufacturers of

ESSENCES & PRIME MATERIALS for MANUFACTURING PERFUMERS, CONFECTIONERS, ETC.

SYNTHETICS
ARTIFICIAL VIOLETS (MYRIONE)

Artificial Musk

INQUIRIES SOLICITED. LARGE STOCKS

ROBERT FERBER, LTD.
98/104 OAKLEY STREET,
LONDON - S.E.1.

Agents for the UNITED KINGDOM & CANADA.

DE LUZY

60 New Accounts Opened this Week.

5,000 DE LUZY LINES SOLD IN ENGLAND THIS WEEK.

£4,000 Advertising Orders already placed.

Shows 50% Profit on Cost.

CARRIAGE PAID ON ANY OPENING ORDER.

CREAM.

1/3 size	... ...	10/- dozen
2/6 "	... ...	20/- "
3/9 "	... ...	30 - "

POWDER.

10d. size	... ...	6/8 dozen
1/9 "	... ...	14/- "
3/3 "	... ...	26/- "

W. H. CALNAN & CO., 30-32 LUDGATE HILL, LONDON, E.C. 4

DODGE & OLCOTT CO., 20 MARK LANE, LONDON, E.C.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.
BALSAMS of Copaiba, Peru, Tolu.
TONKA BEANS, Angosturas.

'Phone: CITY 2468.

Telegrams: "EGDARF, FEN, LONDON."

WE ARE ACTUAL MANUFACTURERS OF

POWDER PUFFS

Send for Price List of our Special Lines of Wool Pads and Mignonnettes.

WHOLESALE AND EXPORT ONLY.

BRUSSELS. **THEO. VAN DER HEYDEN,** PARIS: 17 Rue de la Grange Batelière.

118-122 HOLBORN, E.C. 1. Tel.: Holborn 1873.

VINOLIA
Solidified Glycerine

A NOVEL AND DAINTY LINE WHICH WILL BE VERY POPULAR.

Specimen Display Card to stand on counter.

THIS is a splendid remedial agent for skin troubles arising from cold raw winds, exposure to rough wintry weather, or from the excessive heat of the summer sun.

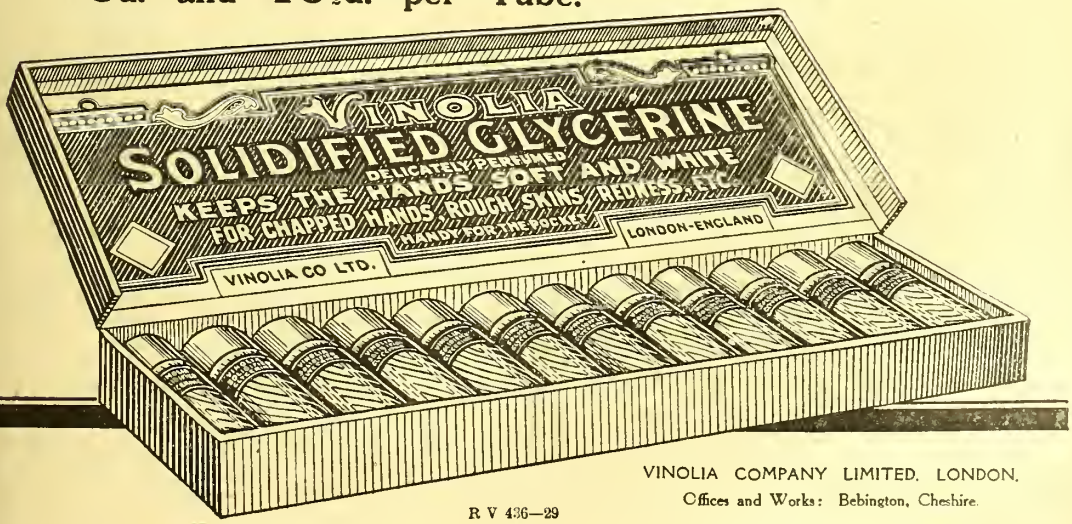
It possesses all the soothing and healing qualities of Glycerine in a new and handy form which saves trouble in application. In regular use it will keep the hands soft, smooth and white, and the skin in good condition generally.

It is daintily presented in attractive silver metal tubes, which are specially convenient for the vanity bag or the waistcoat pocket.

YIELDS AN EXCELLENT PROFIT AND WILL SELL AT SIGHT.

Retail Prices:

6d. and 10½d. per Tube.



VINOLIA COMPANY LIMITED. LONDON.
Offices and Works: Bebington, Cheshire.

R V 436—29

A. BOURJOIS & Cie, Ltd.

66 CARTER LANE - LONDON, E.C.4.

Please note that the prices of

Poudre de Riz de Java (Bourjois)

are as under :

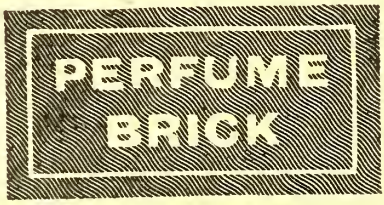
1/6 size.	No. 45	1/2 size.	No. 495
1 doz. -	13/- per doz.	1 doz. -	10/- per doz.
6 „ -	12/9 „	6 „ -	9/9 „
12 „ -	12/6 „	12 „ -	9/6 „

The P.A.T.A. prices for Java Powder have been increased to **1/6** and **1/2** per box.

SALES
BEAT ALL RECORDS.

INDIAN PERFUME BRICK

KEEPS AWAY MOTH.
LASTING & FRAGRANT.



FOR LINEN CUPBOARD AND WARDROBE.
On the P.A.T.A.
Retail Price ***6d.***

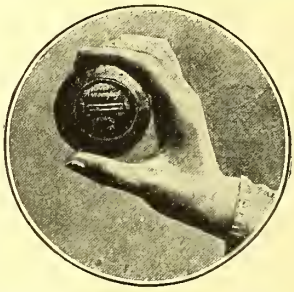
Of the Makers:
WILLIS, LOW & DRUIFF, LTD.,
6 Mortimer St., London, W.
AND ALL WHOLESALERS.

MOUSLEY'S

"BEAVERPUF"

Patent Nos. 4931 and 4932.
The Ladies' Natty Friend.

B. quality Brown Fur, 3/11 each, Retail.



G. quality Grey Fur, 4/6 each, Retail.

Additional Powder Bags, 6d. each, Retail.

Revolution in Powder Puff Manufacture.
Thousands already sold.
Now stocked by leading Wholesale Houses.
Usual Trade Discounts.

Patentee and Sole Manufacturer:
F. A. MOUSLEY,
Priest Bridge, Mortlake, London, S.W.14.

PAPIER POUDRÉ

AND "POPPŒA" PREPARATIONS.

Trade Mark

"LEHCARESOR."

Papier Poudré

BRITISH MADE GOODS

Our Sunburn Tint

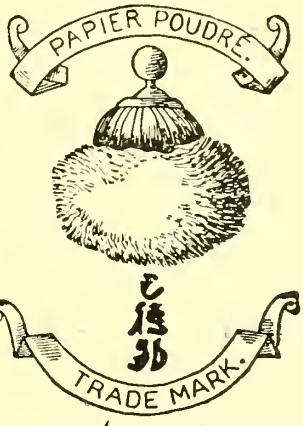
For Landworkers and Seaside Visitors.

Booklets - - - **8d. & 1/4**

5/- & 10/- per doz. net.

Beware of Spurious Imitations.

Registered



PAPIER POUDRÉ, LTD.,
20 Baker St., Portman Sq., London, W. and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

WHITE, ROSE, or RACHEL Tints, 4d., 6d., 8d., and 1/4 size Booklets, 2/8, 3/9, 5/-, and 10/- per dozen net respectively.

SUNBURN TINT, 8d. and 1/4 sizes only, 5/- and 10/- per dozen net.

REFILLS to Mirror Cases in White or Rachel ... ... 2/8 per doz. net.
1/4 SHAVING PADS, For Use After Shaving (unscented, white only) 10/- ,, ,,

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa"

NEW PRICES.

ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 1/- each. 8/- per doz. net.

IN MIRROR CASES, 1/4 each, 10 - per doz. net. REFILLS, 6d. each, at 3/9 per doz. net.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 1/2, 2/6 & 3/6 each; 9/6, 24/ & 28/- doz. net respectively
"POPPŒA" CIRCASSIAN CREAM ,, 1/2, 2/6 & 3/6 ,, 9/6, 24/- & 28/- ,,
"POPPŒA" CRÈME POUDRÉ, in Bottles, 1/2 & 3/6 each; 9/6 & 28/- doz. net respectively.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.

Enolin

TOOTH PASTE

"STRONG" OR "MILD"

THE SUPER PASTE

"ENOLIN" IS ALSO SUPPLIED IN POWDER FORM, 6d. and 1s. TINS.

SOLE MANUFACTURERS & PROPRIETORS:
A. & E. CARRERAS, *Perfumers,*
207 King St., Hammersmith, London, W.6.

Selling Agents for
Provinces, Ireland and Export:
Messrs. Pattinson & Mackie, Ltd.
Albion House, 59 New Oxford Street,
London, W.C.1.

If you have any difficulty in obtaining the supplies you need of

CALVERT'S

Carbolic Tooth Powder

OR

Calvert's Carbolic Soaps
DISINFECTANTS and
other SPECIALITIES,

WRITE TO

F. C. CALVERT & CO.
MANCHESTER - - ENGLAND.

STRODONIA Vanishing Cream.

NOW SUPPLIED IN
ALUMINIUM
SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.

FROM LONDON WHOLESALERS.

Direct orders value £5. subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2 10 0 subject to ½-doz. 1/3 size Bonus for window display, net; £1 10 0 subject to ¼-doz. 1/3 size Bonus for window display, net. Carriage paid on £1 10 0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

Well Advertised. Dainty.

"OASIS"

TOILET PREPARATIONS

are IRRESISTIBLE.

You have only to show them to sell them and reap the "OASIS" PROFIT.

If you do not already hold stocks, write at once for full particulars and prices to—

THE GENERAL CHEMICAL AND PHARMACEUTICAL CO., LTD.
57-59 CHURCH ROAD, WILLESDEN, N.W.10.

Quick Selling. Profitable.

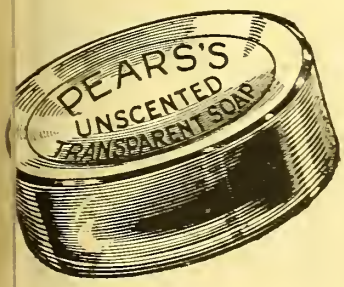
Pears' great new Advertising Campaign.

An Announcement.

MESSRS. A. & F. PEARS desire to announce to their many friends that, very shortly, they propose to open a new advertising campaign for their Transparent Soap. Circumstances beyond their control have contributed to their comparative silence during the war and, now that the famous soap is again available in large quantities, they intend that the public shall not remain in ignorance of the fact.

LEADING daily and weekly papers will carry prominent advertisements, and the resulting demand is likely to be very great. Messrs. Pears in view of this, are giving as long notice as possible to enable their friends to make the necessary arrangements to cope with the augmentation of the sale of Pears' Soap which is certain to result from the coming publicity.

A. & F. Pears, Ltd.,
71-75, New Oxford St.,
LONDON,
W.C. 1.



Pears

TRANSPARENT SOAP

LINDOL

ANTISEPTIC

Dental Cream and Dental Powder

YIELDS 133½ % PROFIT.

Are you stocking any other line which shows you such a handsome return for selling? We unhesitatingly say there is none.

REMEMBER ALSO THAT THE QUALITY HAS NOT BEEN SACRIFICED IN ORDER TO PROVIDE THIS ASTOUNDING PROFIT.

	Min. Retail P.A.T.A.	Price per Doz.	Profit on Outlay
DENTAL CREAM.			
In tubes 4½" × 1", in cartons ...	1/-	5/10	112½%
In tubes 4" × ¾", in cartons ...	7½d.	3/8	112½%
DENTAL POWDER. In tins	1/-	5/6	126½%
" " " "	7½d.	3/4	133½%

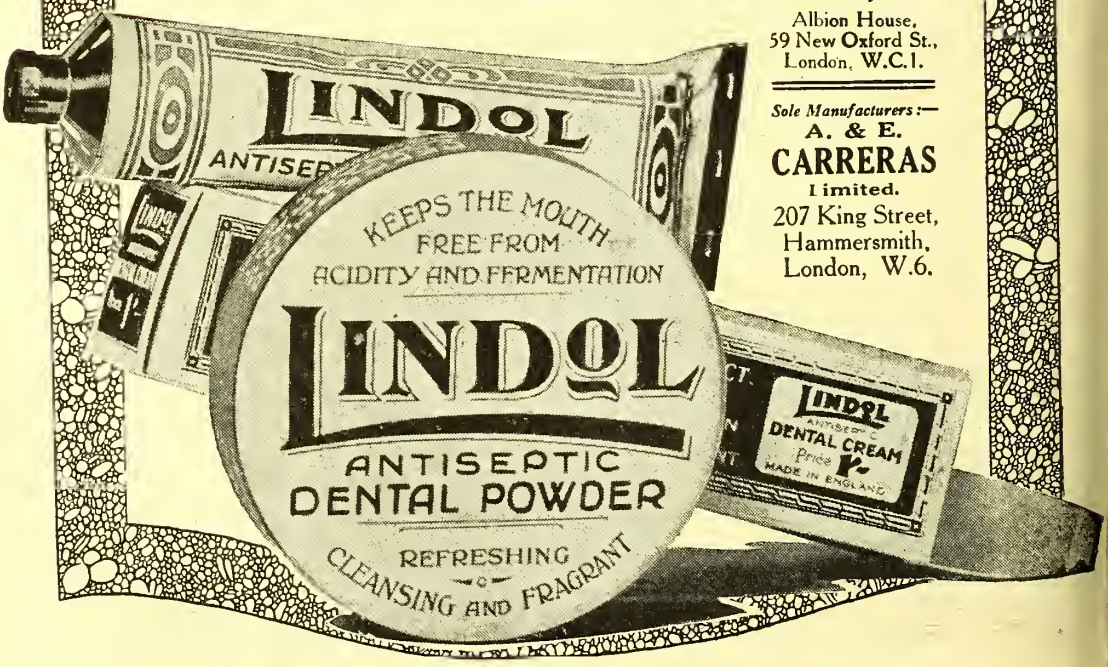
Terms.—Monthly account 2½% discount. Cash with order, an additional 1¼% discount. Minimum direct parcel :—50/-, unless cash is sent with order.

You can obtain "LINDOL" from your usual wholesaler on these terms for any quantity, however small.

Selling Agents for the Provinces, Ireland and Export :—

Messrs. PATTINSON & MACKIE, LTD.
Albion House,
59 New Oxford St.,
London, W.C.1.

Sole Manufacturers :—
A. & E. CARRERAS
Limited.
207 King Street,
Hammersmith,
London, W.6.



Think it over!

THESE ARE JUST THE LINES YOU WANT.

"Leona" Series are of tip-top quality, beautifully packed, well advertised, leave you a good profit, and are on the P.A.T.A.

"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size ... Cost 4/6 per dozen Sell @ 7½d.
Large Size ... „ 8/- „ „ „ @ 1/3

Recommended by the Institute of Hygiene.

"LEONA" CREME DE BEAUTE

Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in handsome 2-oz. opal pots.

"LEONA" BRILLIANTINE (SOLIDIFIED)

Cost 8/6 per dozen Sell @ 1/-

Packed in beautifully embossed tins and cartons.

POUDRE "LEONA"

Cost 8/- per dozen Sell @ 1/-

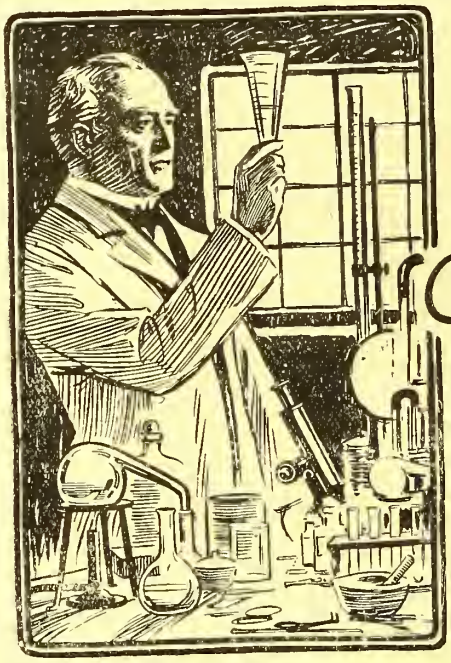
Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

YOU WON'T REGRET IT

Sole Manufacturers and Proprietors—
THE JACKSON CO., 172 St. JOHN STREET, LONDON. E.C. 1.



Of Guaranteed Purity

The exceptional Purity of all the EUCRYL Preparations ensures for them a Ready Sale

THE Public, used to higher prices, have created for themselves a higher standard of quality and value, and therefore demand and *will* have the best.

EUCRYL

Tooth Powder & Paste

are made from the finest products. Every ingredient is tested by our Pharmaceutical Chemists before new deliveries are accepted. Every little point is studied and perfected in the laboratories before the preparations leave the depot. Both EUCRYL TOOTH POWDER and TOOTH PASTE are the acme of quality, and we value your co-operation, Mr. Chemist, and your personal recommendation, for the public are guided by your judgment. Remember also that it pays you to sell EUCRYL, for it gives you a very handsome profit, not forgetting regular repeat orders, and the line is well backed up by judicious advertising in the Press.

EUCRYL Ltd., 138 Borough High St., London, S.E.1

The Dentifrice for Pyorrhœa

FOUR out of five people over forty have Pyorrhœa, according to the careful estimate of medical authorities

Certainly, Forhan's for the Gums, a dentifrice specially formulated and recommended by dentists to remedy or prevent Pyorrhœa, is needed by a large majority of your customers.

For Forhan's, if used in time and used consistently, day by day, keeps the gums firm and healthy, while making the teeth white and clean.

An advertising campaign of impressive proportions in publications all over the United Kingdom is under way to awaken adults to the dangers of Pyorrhœa, and to tell them of the exceptional efficacy of Forhan's in the treatment of that dread disease.

Prepare now to take your share of profit from the constantly increasing demand for Forhan's by ordering a stock to-day. It comes in convenient tube form. Prices and additional information gladly forwarded on request.

FORHAN'S, LTD., MONTREAL.

Sole Agents: THOS. CHRISTY & CO., 4-12 OLD SWAN LANE, LONDON, E.C.4.

SAPON SOAPS SELL

Hundreds of Orders direct from the Public.

An Ornament to the Counter.

We want YOU to have this Business.

You should sell Sapon Skin Soaps:—

Because we, the makers, are entirely unconnected with any Combine.

Because Sapon Skin Soaps once used are always ordered. You will have a steady sale and the satisfaction of knowing that you are supplying the best. (Sapon Skin Soaps are recommended by many eminent Doctors.)

Because Sapon Skin Soaps yield a larger profit to you than any other make, while still being sold to the Public at a low price.

Write to-day for full particulars to

SAPON SOAPS,
LIMITED,
LONDON BRIDGE,
E.C. 4.

OUR Colognes
Lavender Waters
Toilet Specialities
Hair Creams
Toilet Paraffin
Brilliantine
Honey and Flowers
&c.

represent all you are looking for. Most attractively put up, excellent quality. Show big profits.

OUR AIM IS SATISFACTION.

WALDEN, WALDEN & CO.
Manufacturing Perfumers,
89 GT. PORTLAND ST., LONDON, W. 1.

Perspiration Troubles

LET US SEND YOU BUSINESS

There is a growing demand for Dulc-o-do, the toilet water which *corrects* excessive perspiration and obviates the use of dress shields. A doctor writes: "*I find it a splendid preparation.*"
Send 20 - for a trial dozen 2/6 bottles and showcards, your name will then be placed on our depot file and all future inquiries from your district will be directed to you.

Dulc-o-do
Corrects Under-Arm Perspiration

Scott's Chemical Co.,
47, Huddlestone Rd.
London. N.W.2

KOLYNOS Dental Cream

We are now holding large stocks in LONDON, and all orders can be executed by return.

May we send you particulars of our special WINDOW DISPLAY BONUS, showing how your profit can be increased?

Our Large Advertising Campaign should bring you many new customers for

KOLYNOS

(Made in London).

NOTE NEW ADDRESS—

KOLYNOS INCORPORATED,

156/7 Aldersgate Street - LONDON, E.C. 1

Telephone: City 2571 (three lines).

Telegrams: "Kolynosing, Cent. London."

PERMANOL

The New Super Hair Colouring

PRICES :
Large Size,
84/-
per dozen.
Retailing at
12/6
per case.

PRICES :
Small Size,
30/-
per dozen.
Retailing at
3/6
per case

PUT UP in 36 distinct natural colours, classified in 6 different series of 6 numbers each.
Each series is composed of the same ingredients and assists in choosing a darker or lighter shade of the same hue.

1st Series—THE BROWNS—from Jet Black to Light Brown.

2nd Series—THE WARM BROWNS—from Warm Black to Light Warm Brown.

3rd Series—THE ASHY BROWNS—from Ashy Black to Light Ashy Brown.

4th Series—THE AUBURNS—from Darkest Auburn to Lightest Auburn.

5th Series—THE ASHY BLONDS—from Darkest Ashy Blond to Light Blond.

6th Series—THE GOLDENS—from Darkest Golden Brown to Extra Light Golden Blond.

Also "Permanol Blue Label" for bleached hair, made in 36 corresponding numbers and colours to the above

From Osborne, Garrett & Co., Ltd., 51, Frith Street, London, W.1 ; Calmon & Neatf, 8 Gerrard Street, London, W.1 ; Henry Serventy 51 Great Marlborough Street London, W.1 ; Hovenden & Sons, Ltd., Berners Street, London, W.1 ; Titterton & Howard, 10 Great Titchfield Street, London, W.1, or direct from the Manufacturers.

PERMANOL LTD., 10 GEE'S COURT, LONDON, W.1

OVER 100 % PROFIT
ENSURED & PROTECTED (P.A.T.A.)
for sellers of

Laurence's Hair Dyes

One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

Size.	Minimum retail.	Minimum wholesale.	
1/-	1/-	7/6	per doz. less 5% discount.
1/6	1/6	9/-	
2/6	2/6	15/-	
3/6	3/6	21/-	

SPECIAL BONUS

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size, to 4/6, 12/- and 27/- respectively.

Sole Proprietors—
C. R. HARKER, STAGG & MORGAN, LTD.
DEVON WHARF,
Emmott Street, Mile End, London, E.1.

BE SURE AND ADD

La-Rola Rose Bloom

TO YOUR STOCK AT ONCE,

as it is being largely advertised in the "Daily Mail," "Mirror," "Sketch," etc.

Do not lose the business through being out of stock.

It is the most natural tint on the market, and is selling well wherever introduced.

Lait La-Rola & Glycerine & Cucumber

supplied as usual.

All these articles are protected at Face Value
Write for Display Terms and save 10%.

M. BEETHAM & SON, Cheltenham.

INCREASING POPULARITY OF "HARLENE HAIR DRILL."

EVERY DAY EMPHASISES THE NECESSITY FOR MEETING THE PUBLIC DEMAND.

The widespread publicity initiated by the Proprietors of "Harlene" over a number of years and vigorously maintained right up to the present time, in spite of many difficulties and increasing expense, continue to draw an immense response from all parts of the country. Thousands of sample parcels are dispatched daily, thus increasing the number of possible customers to retail stores everywhere.

HAVE YOU A GOOD STOCK OF "HARLENE HAIR DRILL" PREPARATIONS?

FREE!

NOTE—The Contents of the Free HARLENE OUTFITS Comprise:

1. A Trial Bottle of Harlene.
2. A "Cremex" Shampoo Powder.
3. A Trial Bottle of "Uzon" Brilliantine.
4. Book of Instructions.

FOLLOW THE TIDE OF SUCCESS.

Watch the great Free Gift Advertising Campaign that brings the Customers to your Shop.

No Chemist or Store can afford to be without this unique line of Toilet Preparations.

"HARLENE" FOR THE HAIR
"UZON" BRILLIANTINE
"CREMEX" SHAMPOO POWDERS
"ASTOL" FOR GREY HAIR
"ASTINE" VANISHING CREAM
"ASTINE" TOOTH CREAM
"ASTINE" SHAVING STICK
"ASTINE" NAIL CREAM

For Particulars, Terms, &c., write to

EDWARDS' HARLENE, Ltd., 20, 22, 24 and 26 LAMB'S CONDUIT STREET : : LONDON, W.C. 1.

THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE

(The original solid Eau de Cologne).

(Regd.)

THE WORLD'S GREAT PERFUME AND REFRESHER IN SOLID FORM

Retails (P.A.T.A.) Minimum - 3/- giving at least 10d. Profit on each sale.

26/- - - per doz.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE (Regd).

A NAIL POLISH PASTE with new and distinctive features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/6; 12/- per doz.

ANALAX

(Reg. Pat. No. 310716)

The Ideal Fruity Laxative in Pastille Form.
DELICIOUS. RELIABLE. EFFECTIVE.

Retail (P.A.T.A.) Minimum 2/3
21/- per doz., stamped.

R. DEMUTH'S LABORATORIES, 68 Salusbury Road and Montrose Avenue, LONDON, N.W. 6

Telegraphic Address: "Boulhene London." Telephone: 525 Willesden.

Support Home Industry

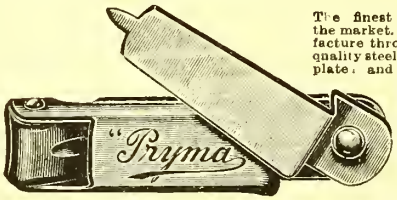
A GOOD SELLING PROPOSITION:

50% ON COST - 33⅓% ON SALES

BY SELLING

'Pryma' Nail Clippers

(BRITISH MANUFACTURE)



The finest Nail Clipper on the market. British manufacture throughout, of finest quality steel. Heavily nickel-plated and perfect finish. Delivery from stock, fastened 12 or 24 on card. Sells at sight, and gives satisfaction to Chemist and customer alike.

Trade Price - - 16/- doz.

Write to-day for Sample Card.

To be obtained from all the leading Factors, or from the Proprietors,

WARMINGTON, TURNER & CO.

11 QUEEN VICTORIA STREET, LONDON, E.C. 4.

Telegrams: "Oewarmitur, Cannon, London." Phone: Central 7851.

NAIL FILES, SCISSORS, CLIPPERS, INSTRUMENTS.

—TWEEZERS & FORCEPS.—

Special quotations to large buyers.

HENRY W. SCURR, HENRY RD., SLOUGH

All Chemists and Stores adjacent to Theatres and Music Halls should stock the famous

LEROZA Theatrical Cold Cream and Grease Paint Remover.

Used and recommended by all the leading artistes, including The Two Bobs, Ernie Mayne, Miss Victoria Monks, Shaun Glenville, and scores of others too numerous to mention. Sells at 1/9 per tin box (about 11 oz.) costs 15/6 per dozen carriage paid. Cash with order.

From the Sole Inventor and Manufacturer, ARCHIBALD MOLE-FLOYD

The LEROZA THEATRICAL STORES, 71, 73 & 75 Cambridge St., Glasgow.

The Evan-Williams

Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.

SHAMPOO.

PROTECTS from all weathers, preserves the COMPLEXION

MOKOL SOFTENS ROUGH HANDS FACE CREAM FOR THE SKIN **MOKOL**

Reg. INDISPENSABLE IN THE HOME Reg.

For LIBERAL Wholesale Terms write to—

THE MOKOL CO., 98 Hatton Garden, London, E.C.

WAVCURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

THE WAVCURL CO.,

FULWOOD HOUSE, HIGH HOLBORN, W.C.1

	Per doz.
1/6 Wavcurl (in packets) ...	9/-
2/9 Wavcurl (in bottles) ...	21/-
1/6 Complexion Cream ...	10/-
2d. Shampoo Powder ...	15/- gross.

	Per doz.
1/6 Duvetine (Superfluous Hair Remover) ...	9/-
1/6 Wavcurl Hair Tonic (9 in Powdered Form)	9/-
1/6 Eyelashine	9/-
Showcards for Window / Dummies for Show	no charge

Agents: PARIS.—A. W. Scott, 38 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.

For LARGE BUYERS For SHIPPERS

Good Toilet Goods

SHAVING STICKS,
BRILLIANTINES,
DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET PARAFFINS, LIME CREAMS, POMADE HONGROISE, TOOTH POWDERS, DENTAL CREAMS, VANISHING CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL

LOTOZONE

SHAMPOO DE LUXE

A superior tonic and hygienic Shampoo at a popular price. Packed in dainty slide cartons. Elegant in appearance and delightful in use. Perfumed with Irish Elegance. Counter boxes supplied.

Full particulars on request.

TOILET PREPARATIONS

LOTOZONE TOOTH PASTE
LOTOZONE CREAM
LOTOZONE FACE POWDER
LOTOZONE POWDER PAPER

The Shampoo Salesman, free on application, gives full details of prices and profit.

THE EVAN WILLIAMS COMPANY, LIMITED, 18 Ogle Street, LONDON, W. 1.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY - For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads.	36/-	4/-
BARSYDE - - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive perspiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay).
R. MACLURE (Madras).
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington).

SOUTH AMERICA:
DEARBORN, Ltd., Calle Salta 264, Buenos Aires.

VASELINE

(*Trade Mark*)

We are now in a position to execute all orders for—

"VASELINE"
" Analgic
" Borated Petroleum Jelly
" Camphorated Petroleum Jelly
" Capsicum Petroleum Jelly
" Carbolated Petroleum Jelly
" Eucalyptol Petroleum Jelly
" Mentholated Petroleum Jelly
" Oxide of Zinc Ointment
" Hair Tonic
" Camphor Ice
" Cold Cream

CHESEBROUGH MANUFACTURING CO. CONS'D.

42 HOLBORN VIADUCT, LONDON, E.C. 1.

The Chemists' Manfg. Co., Ltd.

AND

SHIRLEY BROTHERS

QUITE NEW!

Madam Var's "Fairskin"

POUDRE DE RIZ

In very elaborately decorated square tin boxes with rounded corners. Each box containing a **PUFF**, to retail at **2/6**.

21/- dozen.

Special Bonus of 2 boxes to the dozen with opening orders, so that for 21/- outlay you realise 35/-, which is over 65% Profit on Cost.

HAVE YOU SEEN OUR NEW

BRONZED TINS

Assorted Gold, Silver, Violet, Blue, Green, Heliotrope, etc.

The most attractive Containers ever offered to the Trade. Very high-class and ahead of anything yet offered.

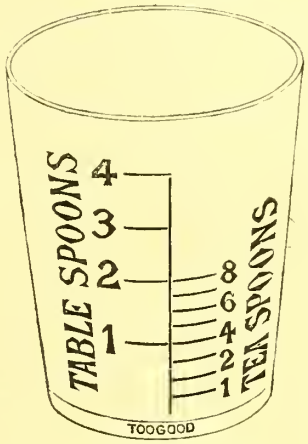
	Gross
Tooth Powder Tins, $2\frac{1}{16} \times 1$	**36/-**
$2\frac{7}{16} \times 1$	**42/-**
Talcum Powder, Oval....	**66/-**
Equally suitable for Medicated Dusting Powder, Baby Powder, etc. etc.	
Face Powder Boxes	**81/-**
Square, round cornered, $3\frac{1}{8} \times 3\frac{1}{8} \times 1\frac{3}{8}$	
Shaving Soap Cases	**39/-**

SAMPLES ON REQUEST.

Chemists wanting really high-class Containers should not fail to see these goods.

123/5 Newington Causeway, LONDON, S.E. 1.

TOOGOOD'S GRADUATED MEDICINE TUMBLERS



Best Crystal
Engraved Graduations
4 Tablespoons
11/6 doz.

Second Quality
Engraved Graduations
9/6 doz.

In Leather Cases

Best		Seconds
23/-	doz.	17/-

In Card Cases

Best		Seconds
13/6	doz.	11/6

Tumbler and Minimum Measure in Leather Cases

Best		Second
29/6	doz.	23/-

WILLIAM TOOGOOD, Ltd.

77 Southwark Street,
London :: :: S.E. 1.

Sale reserved exclusively to Chemists.

"DUCHESS" REGD.

TOILET SOAP

5D. TABLETS.

Price Protected.

No cutting.

Send for Price List to

"Erasmic," Perfumers, Warrington.

Veldt Cream

LABEL-TITLE. COPYRIGHT

EXTRA PROFIT FOR NOTHING!

Safeguard yourself from the Profiteering Act by returning your stock of

WAR QUALITY "VELDT" CREAM,

which is priced 3½d., 9d., 1/3, and 2/6.

We will exchange it and send you the pre-war quality, bottle for bottle, now priced (P.A.T.A.) respectively 5d., 1/-, 1/9, and 2/9, with new Showcards. In addition to being

PRE-WAR QUALITY "VELDT" CREAM,

it is now made to impart to the skin the odour of freshly-gathered violets.

N.B.—We pay carriage one way.

The VELDT LABORATORY, LOUTH, ENGLAND.

"SOFTO" Tablets

for Chapped Hands and Tender Feet.

The Line that SELLS!

Retail Price - 2d.

Wholesale 12/- per gross.

"Softo" Shampoo Powders

Retail Price 2d. (7 for 1/-).

Wholesale 9/6 per gross.

"SOFTO" FACE POWDER

Three tints—White, Pink and Cream.

Retail 6½d.

Wholesale: 1 dozen, 4/6; 3 dozen, 12/-

1 gross (with 4 dozen bonus) 50/-

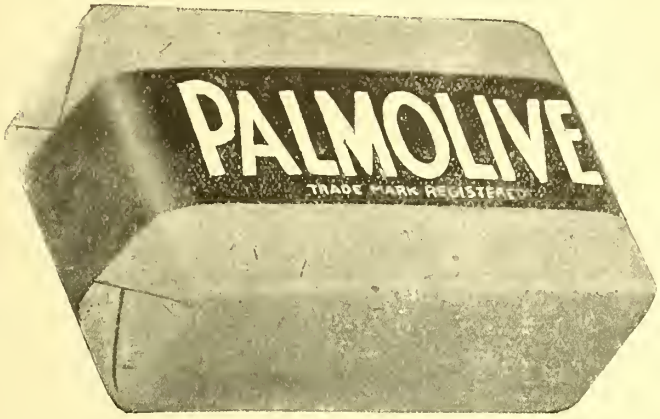
Net. Carriage Paid.

SOFTO MANUFACTURING CO.

33 Edgware Road, London, W. 2.

IT PAYS TO PUSH

THE LARGEST SALE OF ANY TOILET SOAP IN THE WORLD.



"ITS QUALITY MAKES IT A LUXURY SOAP." "ITS MODERATE PRICE AN ECONOMY."

REVISED PRICE LIST

SPRING ADVERTISING CAMPAIGN.—*February*, 1920.

	Cost per doz.	Retail Price
1. Palmolive Soap	6/-	9d.
2. Palmolive Lavender Bath ... (White Floating Soap)	4/4	6½d.
3. Palmolive Lavender Bath ... (White Floating Soap)	2/-	3d.
4. Palmolive Cold Cream (Jars) Same as original Palmolive Cream.	20/-	2/6
5. Palmolive ,, ,, (Tubes)	10/-	1/3
6. Palmolive Vanishing Cream (Jars)	20/-	2/6
7. Palmolive Vanishing Cream (Tubes)	10/-	1/3
8. Palmolive Shaving Stick ...	16/-	2/-
9. Palmolive Shaving Cream ...	16/-	2/-
10. Palmolive Shampoo	24/-	3/-
11. Palmolive Talcum Powder ... (White and Rose)	14/-	1/9
12. Palmole Face Powder (White, Rose and Brunette) Our Brunette Powder is similar tint to Rachel.	Not yet on sale.	
13. Palmolive Face Powder ... (White, Rose and Brunette) Our Brunett Powder is similar tint to Rachel.	20/-	2/6
14. Cleopatra Divine Face Powder ... ... (White, Rose and Brunette) Our Brunette Powder is similar tint to Rachel.	Not yet on sale.	
15. Palmolive Rouge (Vanity Box with Mirror) ... ... (Light and Dark Brunette)	16/-	2/-
16. Palmolive Compact-Combination (Face Powder, Rouge, Two Mirrors)	Not yet on sale.	
17. Palmolive Lip Rouge... ...	12/-	1/6
18. Palmolive Toilet Water	Not yet on sale.	

On the P.A.T.A. List. Showing 33⅓% Profit.

Palmolive Cream Tubes No. 5; Vanishing Cream Tubes No. 7; Shaving Cream Tubes No. 9; are packed 1 doz. in smart carton, printed three colours, and serves for display. Remember 75% of goods are sold through the eye.

SPECIAL TERMS.

5% allowed on 5 gross Palmolive Soap, 72/- per gross, and on 4 gross Lavender Bath Soap, 52/- per gross. Carriage paid on one gross and upwards.

Write for Showcards, Price Lists and Display Matter.

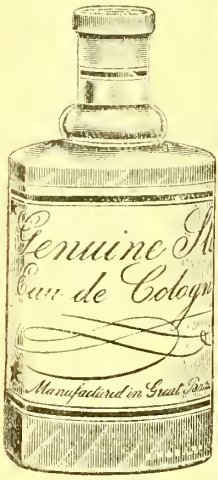
THE PALMOLIVE COMPANY,

13/14 GREAT SUTTON STREET, GOSWELL ROAD, LONDON, E.C.1.

Works: TORONTO, CANADA.

HOVENDEN'S *Popular* TOILET PREPARATIONS

THREE STAR.



No. 1497.
16/-, 29/- & 53/- Doz.

FLORAL HAIR CREAM.

Fixes and Imparts Brilliancy to the Hair and is Non-Greasy.

WHITE OR VIOLET.

A Preparation now in Great Demand

No. 4620.
12/6 per doz.

An Extra Bottle as every dozen of the

and Rising in Popularity.

No. 4619.
7/- per doz.

Bonus given with No. 4620 size.

FOUR STAR.

No. 4707.
44/- & 81/- Doz.

POUDRE COMPACTE PARISIENNE.

SHADES: Blanche, Rachel, Naturelle, Rose, Brunette.
108/- Gross; 9/6 Doz.

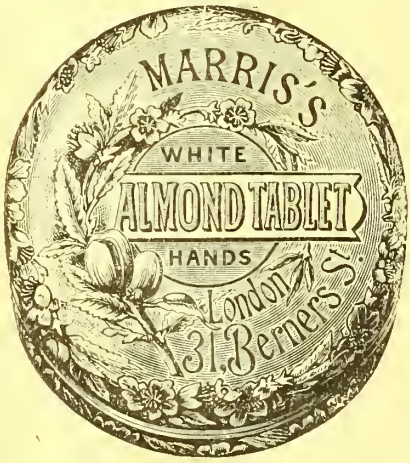
MME. STE. CROIX'S POWDER BOOKS.

SHADES: Rose, Naturelle, Rachel, Blanche.

40/- Gross; 3/6 Doz.

MME. STE. CROIX'S POUDRE DE RIZ.

SHADES: Rose, Naturelle, Rachel, Blanche, Assorted Perfumes.
80/- Gross; 7/- Doz.



MARRIS'S ALMOND TABLETS.

In use over 30 Years.

Invaluable for Chapped Hands and Lips. Will improve the appearance of the Hands, however neglected they may have been. Each Tablet is put up in an Artistic Enamelled Box, as illustration. We shall be pleased to supply Showcards.

-/9 box, 5/6 per dozen; 1/3 box, 9/9.

Subject to 2½% Cash Discount. A copy of our Monthly Illustrated List will be sent on application.

R. HOVENDEN & SONS, Ltd.

29, 30, 31, 32 & 33 BERNERS ST., OXFORD ST., LONDON, W.1.
Tel. No.: Museum 2810 (3 lines).
And 89, 91, 93 & 95 CITY RD., FINSBURY, LONDON, E.C.1.
Tel. No.: London Wall 6260 (2 lines).

***Factory:* 41 to 53 BRITANNIA ROW, ISLINGTON, N.**

MIDGLEY'S Perfumed Soaps

Established 1833

MIDGLEYS SOAP
PEAU D ESPAGNE

MIDGLEYS Old English Lavender Soap

Muguet

SAVON BOIS de SANTAL MIDGLEY
CHARLES MIDGLEY LIMITED
MANCHESTER

GEORGE HOLLIDAY & CO. LTD.,

With which is Incorporated the Wholesale and Manufacturing Depts. of

CHARLES MIDGLEY LIMITED,

Telegrams: "Medicated Manchester." MANCHESTER. Telephone: 2109 Central.

BELDAM

BRITISH SPONGE

MADE OF PUREST RUBBER

A FINE SOFT TEXTURE

DELIGHTFUL TO USE

Beldam Rubber Sponges are remarkable for their smoo ness, their softness, their capacity for absorption and th wearing qualities.
These Sponges make a most beautiful lather with the m indifferent soap and in the hardest water. They healthy an d invigorating to the skin.
Medical men recommend them. They are pure a odourless. They are not affected by boiling water strong disinfectant.
Five Sizes. Price per dozen to Retailers from 13/
We invite inquiries.

The Rubber Sponge Dept., Beldam Tyre Co. Lt Brentford, Middlesex.

ODOR-O-NO

The Anti - Dress Shield Toilet Water

Effectively corrects excessive perspiration.

Extensively advertised in American and English periodicals

1/8 size 13/6 doz.
3/4 size 27/- doz.

Distributing Agents:
The AMERICAN DRUG SUPPLY CO.
6 Northumberland Avenue, LONDON, W.C.2.

Obtainable from all Wholesalers.

SHAVING BRUSHES

Guaranteed Free of Anthrax.
DELIVERY from LONDON STOCK.

COMBS.

HAIR BRUSHES (EBONY)
BABY BRUSHES

HYPODERMIC SYRINGES
(French)

MANICURE SETS
(EBONY & IVORY).

Wholesale and Export only supplied.

A. E. DEPRETER

24 Holborn, London, E.C. 1.

Telephone: Holborn 3182.
Telegrams: "Aedeprelon, Smith, London."

The Amami Manicure

British Manufacture

Orange Sticks ...	13/6	dozen
Emery Boards ...	13/6	,,
Nail Polishing Cream	13/6	,,
Cuticle Cream ...	9/-	,,
Nail Crayon ...	6/9	,,
Ruby Cosmetique ...	13/6	,,
Cleansene	13/6	,,
Nail Powder ...	13/6	,,
Cuticle Fluid ...	13/6	,,
Nail Stone... ...	6/9	,,
No. 1 Maniset ...	33/9	,,
,, 2 ,, ...	67/6	,,
,, 3 ,, ...	123/9	,,

Bonus for a £3 show ... 7/6 cash
,, ,, ,, £5 ,, 20/- ,,

Carriage Paid.

Prichard & Constance (Wholesale) Limited

Court Perfumers. Est. 1831.

469 Holloway Road, London, N.

Cables: "Amamireg, Holway, London" Phone: 317 North.

PROPRIETOR — A.H.GLOVER.

Best Delphinus MFG.CO. British

TRADE MARK.

SPECIALITIES

Nail Polish, Antiseptic
Cloth Cleaner, Styptic Pencils &
Solidified Brilliantine, Shaving Blocks,
Dental Cream, Pomade Hongroise,
Bay Rum, Dry Shampoo,
Etc.

Maximum Quality! Minimum Cost!

Exports to all parts. CABLEGRAMS HONGROISE BRIGHTON. Enquiries invited.

COPYRIGHT.

45 Edward St. TELEGRAMS Brighton.

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity. Manufactured from the finest fresh Cod Livers on same day as fish caught.

WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB LIVERPOOL" Tel.: 1039 CENTRAL

And of ST. JOHN'S, N.F. Established 1780.

"John Bull"

MALT EXTRACT

and

COD LIVER OIL

Does not separate.

Supplied in Bulk, Jars, Cardboard Containers, &c., for Wholesale and Export only.

PAINE & CO., LTD., ST. NEOTS, HUNTS.

An Attractive Window Display which can be easily arranged with the Material supplied by us.

ENO's Fruit Salt

is now on the P.A.T.A.

HOME TRADE TERMS:

Advert. Price: 3/-

Min. Retail Price: 3/-

Min. Wholesale Price: 28/9½ per doz.

SPECIAL ADVERTISING OFFER TO RETAILERS

Showing £5 3s. 8d. Profit on One Gross Orders.

Quantity.	Price per dozen.	Discount.	Extra Discount.	Min. Ret. Price.
1 Gross	36/-	20% for cash with order.	5% for 14 days Window Show.	3/-

These orders will be executed **carriage paid,** and will include a choice selection of new and attractive advertising material to assist in the display of our goods. Cases will be charged for at the rate of 12/- per gross case, but will be allowed for in full if returned carriage paid and received in good condition.

The detailed figures of the above offer are as follows:—

1 Gross at 36/- per dozen	£21	12	0
Less 20%	4	6	5
	£17	5	7
Less 5%		17	3
	£16	8	4
Case (allowed for in full if returned)		12	0
Your cheque should be drawn for	£17	0	4

Showing a profit of **£5 3s. 8d.,** or **8.64 pence** per bottle.

Terms for Export Trade on Application.

New Price Labels Sent Free on Request. Circular price labels, attractively printed and gummed ready for attaching over the old price of 2/9 on our wrappers, will be sent post free on request to those who have a stock of ENO'S Fruit Salt on hand.

The words "Fruit Salt" are our registered Trade Mark and have been known by the Trade and Public for half a century to mean the preparation of J. C. ENO Ltd., and no other. It is an infringement of our rights to use the title "Fruit Salt" for any preparation but our own.

Any further particulars will be gladly supplied by

Sales Manager, **J. C. ENO LTD., BLACKFRIARS HOUSE, E.C.4.**

WORKS: **"Fruit Salt" Works, Pomeroy Street, London, S.E.14.**

W. WOODWARD (1920) LIMITED

ARE THE SOLE PROPRIETORS
OF THE RIGHTS

NOT ONLY IN THE DESIGN

(Trade Mark Reg. No. 99)

BUT ALSO IN THE WORDS

"GRIPE WATER"

(Trade Mark Reg. No. 100)

And no Preparation other than that of the Proprietors may be sold under the Trade Mark,

'GRIPE WATER"

W. WOODWARD (1920) LIMITED
79-81 Fortess Road - - N.W.5
Sole Proprietors of Woodward's "GRIPE WATER"

50% is yours

The "*Profit* Food" of Your Business

WHAT NET PROFIT are you making just now in your business?

Don't be misled by INCREASED TURNOVER—subject to the first charge of increased Trade Prices of goods as well as increased Business and Personal Expenses.

Sanagen

NERVE FOOD Trade Mark Regd.

is a "Profit Food" as well as a Nerve Food. It repays you the handsome margin of 50%-Profit-on-Cost—a most useful Profit leaven these days.

And SANAGEN is a Long Repeat Seller. Every package contains a Booklet that brings you Repeat Sales and Accumulative Profits.

THE SANAGEN PRESS ADVERTISING IS CREATING A GROWING DEMAND

SIZES AND RETAIL PRICES

4 oz. 3/-	8 oz. 5/-	16 oz. 9/6

OF ALL WHOLESALERS

SANAGEN CO., LTD

Sheepcote Lane, Battersea,
LONDON——S.W.11.

Telephone: LATCHMERE 4363

Cable Address: "Phosaglyc, Batt-Square, London."

HAYWARD'S

Eureka WEED KILLER

Powder & Liquid.

The Chemist's Favourite Brand.
Easiest to sell. Sales through Agents.

Please write for lists, terms, &c. . . . **TOMLINSON & HAYWARD, LTD., LINCOLN.**

THE

British Glass Blowers

LIMITED

Birnam Works, Birnam Road, Tollington Park, **LONDON, N. 4.**

Telephone No.: Hornsey 2247.
Telegrams: "Britglablo, Finspark, London."

HAND-MADE, FURNACE AND GAS BLOWN

CHEMICAL AND SCIENTIFIC GLASS WARE

Of every description made by Highest-class British Labour.

Inquiries and Orders promptly executed.

WILLIAMSON BROS.,

54 LOWER THAMES STREET, E.C.3
and at Office No. 7.
49 DEANSGATE, MANCHESTER.

"THE BIG NOISE"

in the Sundries Trade.

HAS IT REACHED YOU YET?

Phone: Avenue 5827.

Painting Materials

If you stock these lines, it will pay you to write us for complete price list. Read the following extract from letter received:—

"Please forward the following . . . This is my seventh order this season. Your goods are the best selling line we have."

All the following goods are of standard quality, give satisfaction to your customers and show a good margin of profit:—

RAYOLENE Ready Mixed PAINT
SPECIAL DECORATORS' QUALITY.
Supplied in 1, 2, 4, 7 and 14-lb. tins.

"TEXALO" The Ideal Water Paint
Twenty Beautiful Shades. In Tins and Bulk.

"FLINTEX" Dry Sanitary Distemper
In Powder Form. Supplied in 3-lb. and 6-lb. Packets.

RAYOLENE BLACK JAPAN
The best preparation for Cycles, Fire Ranges, Mail Carts, Gas Stoves, &c.
To Retail at 10d., 1/6 and 2/9.

RAYOLENE Oil Varnish Stains
Far superior to methylated spirit preparations.

RAYOLENE Household DYES
To Retail at 4d. and 6d. per packet.
Shade Cards and Price List Free on request.

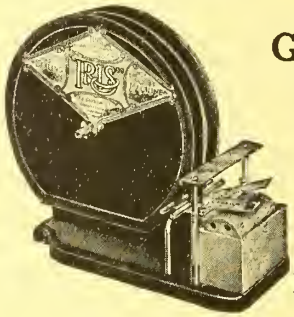
TEXALO MANUFACTURING CO.
Paint and Varnish Manufacturers,
SOUTH SHORE, BLACKPOOL, LANCS.

THE

"IRIS" SEALING MACHINE

FOR

GUMMED TAPE



STRONG
SIMPLE
EFFECTIVE

If you are not already using our GUMMED TAPE for your parcels and packets, it is worth your while to send for samples and prices.

R. A. STEPHENSON, LTD.
130 Queen Victoria Street,
LONDON, E.C.4.

Telepbone: City 2577.
Telegrams: "Econorast, Cent, London."

TRADE MARK

The House of BAISS

esıblished in London nearly a century ago, is now one of the foremost hoses for the Manufacture and Supply of

FINE CHEMICALS
for Medicinal Purposes.

DRUGS.

?HARMACEUTICAL PREPARATIONS
of All Kinds.

ESSENCES and ESSENTIAL OILS.

HOSPITAL EQUIPMENT and SURGICAL INSTRUMENTS
etc. etc.

Quotations given, and goods Packed for Shipment to all parts of the World.

PRICE LISTS IN VARIOUS LANGUAGES.

BAISS BROTHERS & COMPANY, Ltd.

Wholesale and Export Druggists, Manufacturing Chemists and Makers of Surgical Instruments.

ontractors to His Majesty's Government; the Crown Agents for the Colonies; various oreign Governments; and the principal Hospitals and Institutions at Home and Abroad.

Grage Works, 174, 175, 176 GRANGE ROAD, BERMONDSEY, LONDON, S.E. 1

Drug and Herb Farm: CARSHALTON, SURREY.

Your Headache-cure Sales Show a Weekly GROWTH

THERE is so much worry and bother about life to-day that, plainly, head and nerve troubles must be rapidly increasing. Logically, therefore, the sale of headache and nerve remedies should be rapidly growing too.

Our sales of Daisy multiply week by week—in fact, so heavy is the demand that many chemists find their 50–100% Daisy profits almost sufficient to pay their increased rates and taxes. Let Daisy begin to make profits for you—just display it on your counter, and our heavy and consistent advertising will quickly sell every packet you care to buy.

"DAISY"

FOR

HEADACHE & NEURALGIA.

Dr. ROBERTSON WALLACE *writes :—*

Dr. Robertson Wallace, M.B., C.M. 64 Haymarket, Piccadilly Circus, W.
November 12th, 1918.

Dear Sirs,—For many years I have watched the introduction of headache specifics and subjected them to both analytical and clinical tests, but have never felt inclined to approve of their composition or effects. I must admit, however, that your new formula for the "Daisy" Headache Cure merits my complete approval, and I am especially pleased to note that you have replaced the depressing ingredient, acetanilid, by an infinitely safer and more certain principle, free from any possibility of causing injury to the system. I lay great stress both on its efficiency and safety, and am constrained to compliment you on your commercial courage in placing an unusually costly formula, at a reasonable charge, at the command of the public.

Yours faithfully, (Signed) ROBERTSON WALLACE.

TERMS:

1/- Packets each containing 8 powders—Minimum Retail Price, 1/- ; Sample Powder 2d.
For not less than 1 doz. Boxes ... **9/9** per doz. For not less than 3 doz. Boxes ... **9/2** per doz.
2/3 Packets each containing 20 powders—Minimum Retail Price, 2/3.
For not less than 1 doz. Boxes ... **21/6** per doz. For not less than 3 doz. Boxes ... **20/6** per doz.
Mixed Orders for 1/-, 2/3, 6/- size and for Daisy Tablets on best terms.
Discount 7½ per cent. for cash. *Carriage Paid to destination.* From all Wholesalers or direct.

DAISY, LTD. MANUFACTURING —CHEMISTS— **LEEDS.**

Telegrams : "Daisy Leeds." Telephone : 22042.

ENORMOUS DEMAND *for* NEW SHOWCARDS

No more available until the Autumn

WE much regret that it is impossible for us to fulfil further applications for the Sanatogen, Formamint and Genasprin showcards recently offered in this Journal.

The response has far exceeded our estimates ; and, though repeat orders have been put in hand, our printers are unable to promise delivery of these before September at the earliest.

¶ **Applications sent up to and including March 31 can be executed;** to later applicants we can only offer a sincere apology.

It is, of course, gratifying that these showcards have been so keenly appreciated by our friends in the Trade ; and we shall arrange in future to order such material in quantities that will ensure every pharmacist receiving his share.

GENATOSAN, Ltd.

(BRITISH PURCHASERS OF THE SANATOGEN CO.)

12 CHENIES ST., LONDON, W.C. 1.

(*Chairman : The Viscountess Rhondda*).

Telegraphic Address: "Cresswell, Westcent, London."

WORLD'S HEADQUARTERS FOR

Telephone: No. 1432 Holborn

SPONGES

SEASON 1920.

INTERNATIONAL SPONGE IMPORTERS, LIMITED.

CRESSWELL BROTHERS BRANCH

Sponge Importers, Exporters and Merchants, and Chamois Leather Dressers,

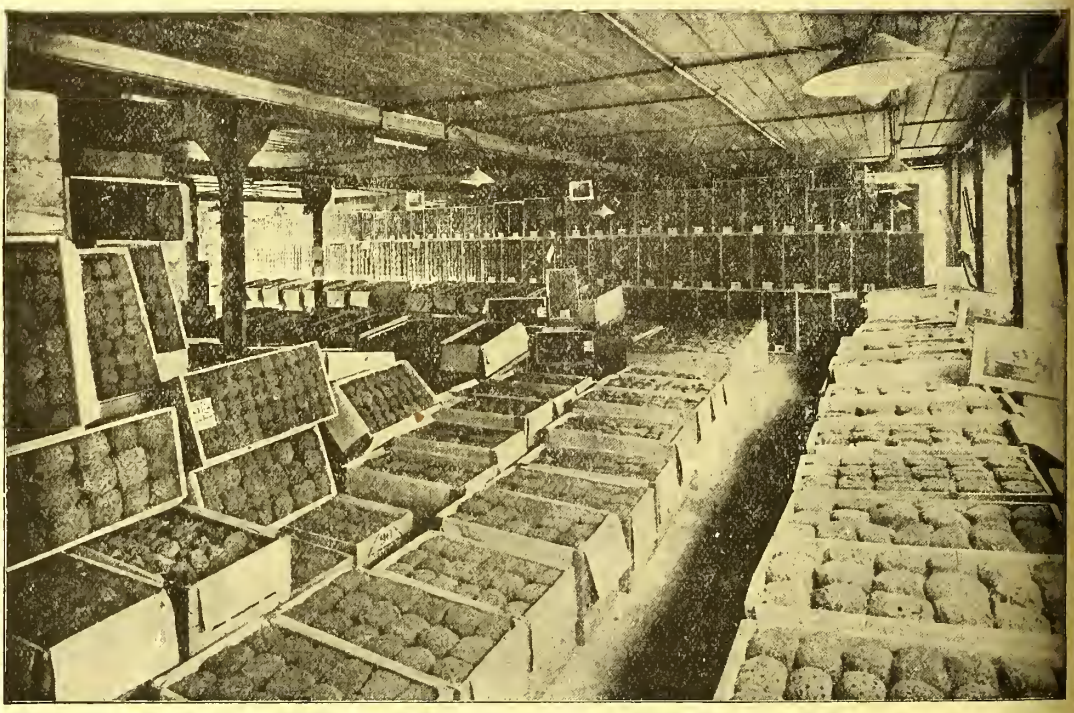
18 & 19 RED LION SQUARE - - - LONDON, W.C. 1

Largest Sponge Warehouses in the World.

THE FINEST PARCELS OF THE FIRST SPONGE FISHERY SINCE THE WAR. THE BEST QUALITIES OF MANDROUKA HONEYCOMBS — OF EXCEPTIONALLY GOOD VALUE.

The Fishing Fleet, much reduced in number of boats, had good fishing in the best localities left undisturbed during the latter years of the war, and we have imported the best parcels.

THE LARGEST AND BEST STOCK TO SELECT FROM.



We offer the Best Value at the Prices. Buyers are invited to call and convince themselves of this fact.

Original Cases and Selections, by the dozen, sent on approval, outward Carriage Paid, for minimum of **£10.** *State Prices and Quality when ordering.*

THE BEST
RUBBER SPONGE

NEW "ABLUTONIC" RUBBER SPONGE

ALL BRITISH

The only Rubber Sponge which improves by use.

Possessing the delightful qualities of the

FINE TURKEY

Sponge.

The Ideal Rubber Sponge for the complexion, and the best adapted for the application of soap.

A VERITABLE TRIUMPH OF BRITISH MANUFACTURE.

Exquisitely soft and durable. Containing maximum of Pure Rubber.
Perfect in manufacture and ideal in use.

ONCE USED IS ALWAYS PREFERRED TO OTHER RUBBER SPONGES

A good profit to retailer, and giving absolute satisfaction to customer.

OVAL							
No.	0	1	2	3	4	5	6
Per doz.	8/-	10/6	15/-	22/-	30/-	39/-	50/-
ROUND							
No.	R 1	R 2	R 3		R 4	R 5	R 6
Per doz.	13/6	18/6	24/6		39/-	50/-	60/-

International Sponge Importers Limited

CRESSWELL BROTHERS BRANCH

18 & 19 RED LION SQUARE, LONDON, W.C. 1

SPECIAL OFFER!

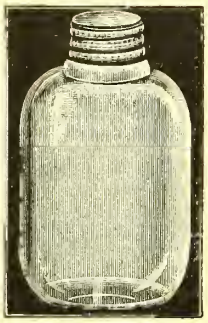
We can safely say that no other firm in London has such a varied stock. Even if you are wanting a special line which we do not happen to have in stock, there is always an alternative one we can let you have.

The following are some of the lines we offer:

SQUAT KALIS, green, 2 oz. size.
KAY'S ESSENCES, green, 2½ oz. size.
KALIS, green, 4 oz. size.
KALIS, flint, 1, 2, 4, 6, 8, 10, 12, and 16 oz.
LIMES, flint, 2, 4, 6, 10, 12, and 20 oz.
LIMES, green, 1 and 4 oz.
MEDICALS, first and second quality, green, plain, and graduated, 4, 6, and 8 oz. Also tinted blue.
MEXICANS, flint, 1½ and 2 oz. sizes.
PANELS, green, 4 oz.
PANEL TOBINS, green, 2½ oz.
PANELS, flint, 1 and 2 oz. sizes.
VIALS, green, 1 and 2 oz. sizes.
VIALS, flint, all sizes; from half-dram. Long series.
VIALS, graduated, 1 and 2 oz. sizes.

And many more lines too numerous to mention.

Plenty of 4-oz. Medicals


TABLET BOTTLE

Ampoules
Aspirator Jars
Brills
Cannons
Douche Linings
Dropping Bottles
Emulsions
Feeder Tubes
Glass Unions
Nasal Douches
Panels
Perfume Bottles
Cut stoppered, ½ to 2 oz. sizes.
Reagent Bottles
W. & N. Mouth, from ½-oz.
Retorts
Screw Jars
Specific Gravity Bottles
Sweet Jars
Syringes
Tablet Bottles
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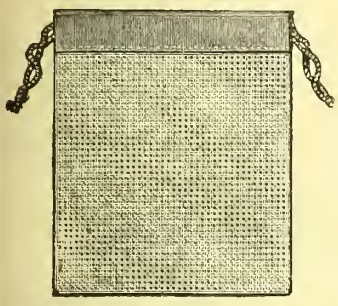

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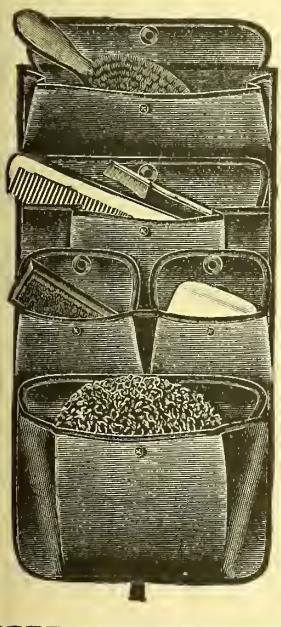

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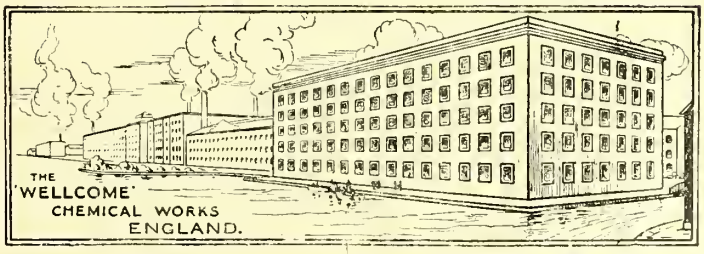

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Coming Events.

Wednesday, April 28.

Manchester Pharmaceutical Association, Chess Club Rooms, 55 Market Street, at 3 P.M. Annual general meeting.

Public Pharmacists' Association, St. Bride Institute, Bride Lane, Ludgate Circus, London, E.C., at 8 P.M. Lecture on "India and its Customs," by Mr. J. L. P. Hollingworth, F.L.S. (chairman of the Association).

Irish Chemists, Shelbourne Hotel, Dublin, at 2 P.M. Address by Mr. Louis K. Liggett.

London (Western) Pharmacists' Association, Pinoli's Restaurant, Wardour Street, London, W., at 8.30 P.M. Mr. A. R. Melhuish on "Current Problems and the Council Election."

East Sussex County Association of Pharmacists, Congregational Church Schoolroom, High Street, Lewes, at 3.15 P.M. Meeting.

Liverpool Chemists' Association, Royal Institution, Colquitt Street, at 2.45 P.M. Sir William Glyn-Jones, secretary of the Pharmaceutical Society on "Current Pharmaceutical Topics." Midland Adelphi Hotel, at 7 P.M. Annual smoking-concert in aid of the Benevolent Fund of the Pharmaceutical Society. Ladies are invited.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

House-organs.

An interesting development in modern wholesale business is the serial publication of pamphlets now frequently, if not usually, known as "house-organs." We receive a large number of these, which are either (1) trade circulars in an extended form or (2) works magazines intended primarily for the use of the staff of the wholesale house with which they are associated. "The Rexallite" is an example of the former class; it comprises (including the cover) sixteen pages, fifteen and a-half of which in the number that we have before us are devoted to information concerning Rexall, the odd half-page being occupied by verse and "American humour." A good specimen of the other class is "The Delectaland Magazine," a well-printed booklet of thirty-two pages (including cover), published monthly by the Watford Manufacturing Co., Ltd. This organ has now reached its fortieth number, and is brightly illustrated with reproductions of snapshots of various people and things connected with the company's factory at Watford. It is evidently intended chiefly for the works staff, although a sprinkling of advertisements suggests a somewhat wider circle of readers. Other *brochures* possessing distinctive features are: "The Link," of Robinson & Sons, Ltd., which we mentioned in our issue of January 31 (p. 87); "Common Sense," issued by Sangers; "The Chemists' Magazine," of the Sanagen Co., Ltd.; Thomas Christy & Co.'s house-organ; "Camera House Journal," a publication of W. Butcher & Sons, Ltd., illustrated, in the current number, with portraits of the company's representatives; and "Asbestos," a sumptuous publication sent out by Turner Brothers Asbestos Co., Ltd., comprising forty pages (9½ inches by 7 inches), with two insets and numerous illustrations. The last-named partakes to some extent of the character of well-known monthly magazines, as it includes articles on such diverse topics as "Industry and Finance," "Poultry-keeping on the Intensive System," and "Nature Talks."

Birmingham.

Potassium bromide and Jena glassware have of late been arriving in the city from Germany.

A number of women, ex-munition workers, are now engaged in assembling "spare parts" of baby's comforters.

Lectures on spectrum analysis have been arranged by the Birmingham and Midland Institute; the first one is announced for May 6.

The Birmingham Chamber of Commerce has established a department for the purpose of facilitating the transport of merchandise between this and other large centres.

A recent article in a Birmingham daily paper on the city as it was fifty years ago is not without interest for pharmacists. There is, for instance, the following amusing passage on the universal use of hair-oil: "The Sunday toilet was not complete until the head was plentifully smeared with a thick, rancid liquid which plastered the hair tightly to the scalp and made the work of the antimacassar by no means a sinecure. The higher classes may have used more elegant preparations. . . ." Pharmacists who have reached or passed middle life can well remember the measure that used to be set apart, in their apprenticeship days, for the thick (but, let us hope, not rancid) liquid, and the bear's grease and crystalline cream patronised by the "quality."

Newcastle-on-Tyne.

The sale of the stock of the late firm of John Ismay & Sons, manufacturing chemists, City Road, by order of the executors of the late Mr. M. P. Ismay, began on April 18 and continues until April 24. There has been a large attendance, and good prices have been realised.

Taylor, Gibson & Co., 17 Bigg Market, Newcastle-on-Tyne, who have occupied their present premises since the firm was established 186 years ago, are removing to 52 Stowell Street, Bath Lane. It is proposed to carry on the wholesale business there and open a separate retail branch. A limited liability company is in course of formation for the purpose of taking over the concern.

Liverpool.

Two deaths from small-pox have occurred in Bootle.

A suburban pharmacist has had occasion to complain that his shop and house are being advertised to sell, "with vacant possession," although he has neither given nor received notice, and is negotiating for the purchase.

The Bishop of Liverpool has promised to arrange a choral service in the Lady Chapel of the Cathedral for the delegates at the coming British Pharmaceutical Conference, and to admit a large party to view the Cathedral so far as it is erected.

Mrs. Bain, wife of Mr. John Bain, Lime Street, has been chosen as vice-chairman of the Ladies' Reception Committee of the British Pharmaceutical Conference, and Mrs. Ferriday, wife of Mr. Alfred J. Ferriday, 137 County Road, Walton, secretary, in place of Miss Gardner and Miss Gladys Williams, resigned.

At Liverpool Police Court, on April 15, Mr. Thomas Hartley, chemist and druggist, Westminster Road, was fined 4*l*., with costs, for having sold as purified borax a borax containing fifty parts of arsenic per million. It was stated for the defence that commercial borax had been supplied in error, and the stipendiary magistrate said he was satisfied that an honest mistake had been made.

The University of Liverpool is appealing for funds for new buildings, the extension of present buildings, the equipment of laboratories, and the endowment of chairs. The scheme includes the foundation of several chairs with the object of encouraging advanced learning and scientific research in departments which have not hitherto received the special attention of any university. It is pointed out that the number of undergraduates has increased from 1,522 in 1919 to 2,455 in 1920, and that many are being turned away. It is not expected that the proposed enlargement of the University will cause any difficulty in balancing income and expenditure. The appeal is signed by Mr. A. F. Shepherd, 4 Moorfields, Liverpool, and 26 Great Ormond Street, London, W.C. 1.

Sheffield.

Mr. W. H. Beeley, chemist and druggist, Attercliffe Common, is making alterations to his shop. Mr. Beeley intends devoting his attention mainly to the dental side of his business.

Mr. J. W. Bell, Brocco Bank, the local representative of Ayrton, Saunders & Co., Ltd., has secured first prize with an essay on increased production in the manufacture of glass, in a competition organised by the "Sheffield Daily Telegraph."

Through the efforts of Mr. J. T. Appleton, the Insurance Committee have agreed to the request of the Pharmaceutical Committee (subject to the sanction of the Ministry of Health) that stock mixtures shall be abolished and that chemists shall be paid the usual rates in respect of all mixtures in the local formulary.

Captain L. T. O'Shea, M.Sc., whose death took place suddenly on April 18, was one of the city's leading men of science. Educated at Owens College, Manchester, he came to Sheffield in 1880, and became professor of applied chemistry at the University. Captain O'Shea saw active service in the South African War, and commanded the local Officers' Training Corps during the late war. He had made a special study of the chemistry of fuel, and had also devoted considerable attention to the question of safety in coal-mines.

Miscellaneous.

Sale of Food and Drugs Acts.—The Camberwell public analyst reports that two samples of camphorated oil examined during the past quarter were deficient in camphor to the extent of 30 per cent. and 8 per cent. respectively. Among the drugs analysed and found genuine were ipecacuanha wine and tincture of squill.

Poison-licence Application.—A. Ryde, Westcott, has applied to the Surrey County Council for a licence to sell horticultural poisons.

Railway Rates Revision.—The Advisory Committee of the Ministry of Transport is considering a general revision of railway merchandise charges. The inquiry has been divided into three sections—general principles; classification of goods; charges. The first public hearing of the consideration of Section I. will probably be on May 11.

Further Grants for Students.—It is understood that, in cases in which students under the Ministry of Labour training scheme desire, for any reason, an extension of training, interviewing boards may, on the merits of such cases, recommend an extension. A second extension will not be granted in any circumstances, and applications will not be considered for any period prior to the academical year of 1921.

Wine-licences Granted.—At a recent sitting of the Surrey Licensing Committee, Mr. F. Harvey, chemist and druggist, Knaphill, was granted a wine off-licence. It was stated for the applicant that he was frequently asked for these wines, and that at present they were unobtainable nearer than Woking, three miles away.—A similar application on behalf of Mr. J. Wearing, chemist and druggist, Woking, was also granted.

Fires.—An outbreak of fire caused considerable damage to the warehouse of Bainbridge & Co., wholesale druggists, Stockton-on-Tees, on April 16.—A similar outbreak occurred at the works of Vernon & Co., Ltd., surgical-dressings manufacturers, Ben Mill, Heap Bridge, recently. —Through the upsetting of some mineral oil the fifth floor of the laboratories of P. H. Galloway, Ltd., manufacturing chemists, 154-162 Walworth Road, London, S.E. 17, was slightly damaged by fire on April 19.

Whitley Council Formed.—A Joint Industrial Council has been formed for the surgical-instrument and appliance industry, and the first meeting was held on April 14 at the Ministry of Labour. The bodies represented are the Surgical Instrument Manufacturers' Association for the employers, and the Amalgamated Instrument Society for the employés. The Council appointed joint chairmen (Mr. A. W. Down, of the employers, and Mr. H. Luckhurst, of the workers) to preside at alternate meetings. Mr. A. H. Bayes, of the Ministry of Labour, is acting as secretary *pro tem.*

Coroner on Teething-powders.—In the course of an inquest held recently at Deptford, London, S.E., on the body of an infant named Fox, the mother stated that she had given the child a teething-powder. The Coroner: Who told you to give him that? Do you know that these powders contain antimony?—No. Then why give a child something of which you know nothing? Did the doctor tell you to give him a teething-powder?—They are recommended by medical books. The Coroner: No, they are not. Medical evidence having shown that death was due to pneumonia, the coroner said he supposed people read pamphlets that were left at the door, and thought the contents wonderful. It was a great pity that mothers did not seek medical advice earlier. He recorded a verdict of "Death from natural causes."

Chemical Engineers' Dinner.—The first annual dinner of the chemical engineering group of the Society of Chemical Industry was held recently at the Waldorf Hotel, London, W.C. Dr. E. F. Armstrong presided and among those present were Mr. J. Gray (President of the Society of Chemical Industry), Mr. W. J. Uglow Woolcock, M.P. (general manager of the Association of British Chemical Manufacturers), and representatives of the Universities of London, Manchester, and Birmingham. Mr. Woolcock, in proposing the toast of the Chemical Engineering Group, said that it was a fact which they could only view with great regret that in the early days of the war we really had practically no chemical engineers. Such was the need of this country that we had to go across the water to find a man who could take over special work.

Chemists' Exhibition Incidents.—As the result of a cartoon portraying notabilities at the Chemists' Exhibition in the "Daily Sketch" on April 16, the eight gentlemen concerned (Messrs. Want, Quelch, Harrie, Hickey, Novelli James, Cooper, Cox, and Wigginton) formed themselves into a committee and fined each exhibitor 2*s*. 6*d*. for the amusement the latter had got out of the cartoon. Messrs. Wigginton and Harrie were appointed secretary and treasurer, and collected 10*l*. 10*s*., of which half was handed to Mr. Want for the Pharmaceutical Society's Benevolent Fund and the other half to the Commercial Travellers' Benevolent Institution.—Another incident which caused amusement was a pill-guessing competition improvised at the stand of Arthur H. Cox & Co., Ltd. A vase, when emptied, was found to have contained 6,503 pills; and prizes of 3*l*. 3*s*., 2*l*. 2*s*., and 1*l*. 1*s*. respectively were awarded for the following guesses—Mr. H. Baker, 6,500; Mr. L. S. Tompsett, 6,480; Mr. F. G. Wells, 6,540.

Medicated Wines.—At a recent meeting of the Wine and Spirit Association the chairman stated the Ministry of Health had asked the Association's views on the question of labelling medicated wines. At an interview in March at the Ministry, the chairman continued, it was gathered that it had been decided by the Select Committee on Patent Medicines that medicated wines should show on the label the alcoholic strength. The chairman pointed out that certain firms who had arranged for a shipment of wine to be used in their trade might find deliveries vary in strength on arrival, and therefore to fix an arbitrary point might lead to a great deal of confusion. The representative of the Ministry of Health said that he thought that this could be got over by stating the "approximate" strength. The matter having been discussed at some length, the committee, on the assumption that the limits covered by the word "approximate" would be defined in the Act carrying out the suggestions of the Select Committee, directed the secretary to inform the Ministry that in their opinion the word "approximate" would meet the case.

Irish News.

Brevities.

Mr. Huston Lancashire, J.P., Ph.C., Ballymena, has been appointed rector's churchwarden for the parish of St. Patrick's, Ballymena.

In a political disturbance in Waterford, on April 15, the plate-glass windows of the chemist's shop of Dr. White, Mayor of Waterford, were smashed by the crowd.

The Delvin Guardians have accepted the tenders of Boileau & Boyd, Ltd., for appliances at 10½ per cent. off list prices, and that of the Fine Chemical Co. for medicines at 12¼ per cent.

Mr. S. Wilson, J.P., Ph.C., Medical Hall, Longford, is leaving the town, and has resigned his position as registrar and chemist to the Longford County Infirmary. The Medical Hall has been acquired by Mr. Corcoran, Ph.C., co. Kilkenny.

Attention is directed to an advertisement in the coloured Supplement for an examiner in practical pharmacy for the Pharmaceutical Society of Ireland. The vacancy is occasioned through the retirement of Mr. John Barnett, M.P.S.I., on completing his full five years.

Belfast.

Mr. Wm. McMullan (Thomas McMullan & Co., wholesale druggists, Victoria Street, Belfast) has been appointed a member of the committee of the newly-formed Middle Classes Union in Belfast.

Mr. T. J. White, Ph.C., Clones, was a witness for the defence in a case at the local Petty Sessions, in which the police summoned a man named Wm. J. Little for alleged cruelty to a horse. The case was dismissed.

Mr. R. W. McKnight, Ph.C., Carlisle Circus, Belfast, Vice-President of the Ulster Retail Drug-trade Association, has sustained a bereavement in the death of his brother, Rev. John McKnight, Rector of Kinawley, on April 14.

Mr. F. A. Heron, J.P., Holywood, has offered 5,000*l*. to the Queen's University, Belfast, for the teaching of physical chemistry, with the promise of a further 1,000*l*. towards providing the necessary accommodation. The offer has been accepted.

The Board of Trade recently issued the report of their inspector, who held a preliminary inquiry into the explosion which occurred on October 23, 1919, at the premises of Grattan & Co., Ltd., chemists, 108-110 Great Victoria Street, Belfast, in which a woman named Agnes McKee was severely scalded. The report states that, owing to the absence of a safety valve, a pan was subjected to a higher pressure of steam than it was intended to withstand. The owners are now providing a safety valve.

At Belfast Assizes, on April 15 and 16, Mr. Justice Pim and a common jury heard an action in which James Crean & Sons, Ltd., Atlas Works, 54 Naylor Street, Liverpool, suet, fat, and soap manufacturers, sued J. Steen M'Millan, 49 May Street, Belfast, merchant, to recover 1,197*l*. 14*s*. 9*d*. in respect of goods sold and delivered and for damages for breach of contract. Plaintiffs alleged that the defendant had wrongfully repudiated a contract for the supply of dripping, and had refused to accept it. Plaintiffs also made a claim in respect of certain goods sold. Defendant denied the allegations and counterclaimed for damages from the plaintiffs for breach of contract in the supply of goods, as the result of which he sustained loss. The jury disagreed and were discharged.

Pharmaceutical Society of Ireland.

Council-meeting.

The monthly meeting of the Council of the Pharmaceutical Society of Ireland was summoned to be held at 67 Lower Mount Street, Dublin, on April 13. Only five members of the Council attended: Dr. A. J. Barnes (Vice-President), Dr. J. A. Walsh, Dr. J. C. McWalter, Mr. Victor E. Hanna, and Mr. C. E. Digges. As seven members are necessary to constitute a quorum for a meeting of the Council, no business was transacted. A meeting was subsequently summoned for April 20 to deal with the business on the agenda.

Examination Results.

The following are the results of the recent examinations:

Registered Druggist Examination.—The following passed: John Gilmartin, Castlerea; Galbraith Johnston, Belfast; Thomas James McKee, Portstewart; Samuel Percival Mills, Dublin; Peter Tohall, Moy; Joseph James Travers, Dublin. Eight candidates were rejected.

Pharmaceutical Licence Examination.—The following passed with honours: Daniel Laurence Byrne, Belfast; James Shirley Walsh, Dublin; William Joseph Redmond, Mullinahone; George Chadwick Burns, Ballinamore; Matthew McRoberts, Larne; William Herbert Harman, Carrick-on-Shannon; William Patrick Sheil, Tullamore; Joseph Crowne, Dublin, and Daniel Nolan, Castleisland, equal; Helena Rose Hay, Cork, and James Robinson, Belfast, equal; William Gallaugher, Newtowncunningham; Leonard Hutchinson, Waterford. The following also passed: Ernest Sutton, Bandon; Philip Fahey, Cappawhite; John Coffey, Monaghan. Fourteen candidates were rejected.

Pharmaceutical Assistant Examination.—Joseph James Travers, Dublin, passed. Two candidates were rejected.

Letters sealed with white of egg cannot be opened by steaming.

Scottish News.

Brevities.

Mr. D. G. Hughes, chemist and druggist, has purchased the business of Mr. George N. Duthie, chemist and druggist, Inverallochy, who intends studying for medical degrees.

"Your 'leader' on the Council candidates in last week's *C. & D.*" (p. 66), writes a correspondent, "should greatly assist the electors. The replies from candidates will be eagerly looked forward to by Scottish readers."

It is rumoured that a scheme is on foot for obtaining additional examiners in Scotland from among the officials of the Pharmaceutical Society. As might be expected, a good deal of criticism adverse to the idea has arisen, and it is hoped that no more will be heard of so retrograde a notion.

Panel chemists are discussing informally their grievance in the matter of returned empties. Who but a chemist would let out goods on hire free of charge? And how much capital is locked up in this way? It is suggested that half-price is the most that should be allowed on these returns.

At Motherwell Police Court on April 17, a miner named Gillon was fined 5*l*., or thirty days' imprisonment, for breaking a plate-glass window in the pharmacy of Mr. William Morrison, chemist and druggist, Brandon Street. The damage was estimated at 8*l*., and Mr. Morrison was informed that he could sue the defendant for damages.

Dundee.

A correspondent of the Dundee "Evening Telegraph and Post" states that the local chemists' assistants recently suggested to their employers' association the feasibility of closing at 7 P.M. instead of at 8 P.M. The employers' association, however, is said to have refused the application, chiefly on the ground that the working-classes must be considered.

Edinburgh.

Mr. A. Duncan, chemist and druggist, Easter Road, Leith, has patented a machine for sowing seed.

Mr. John Mulvenna, chemist and druggist, formerly in business in London Road, sails this week for Australia.

The practice of closing on the customary half-holiday after a general holiday appears to be gaining among chemists.

Mr. W. C. Edward, chemist and druggist, was a prize-winner in the recent rifle-shooting competition of the Edinburgh High Constables' Club.

A carboy of sulphuric acid on the premises of the James Accumulator Company was accidentally cracked recently, with the result that two employés were severely burned. The acid commenced to flow downstairs, and on coming in contact with some celluloid set it alight. The outbreak was speedily extinguished by the fire brigade.

Glasgow.

A serious fire occurred, recently, on board a boat lying in Kingston Docks with a cargo of sulphur. The chief engineer is in the Western Infirmary suffering from poisoning by sulphur dioxide.

A serious fire occurred at the oil-cake factory of Alexander Cross & Sons, Ltd., manufacturing chemists, on April 13. In spite of the efforts of the brigade, the building, which contained a large amount of new machinery, was completely gutted.

The Scottish Shale Oil Scientific and Industrial Research Association has been issued a licence, under section 20 of the Companies (Consolidation) Act, 1908, by the Board of Trade. The Association may be approached through Mr. W. Fraser, 135 Buchanan Street.

Mr. J. P. Todd, Ph.C., who served four-and-a-half years overseas in the R.A.M.C., has taken up his former post as lecturer at the Glasgow School of Pharmacy. Mr. J. O. Chisholm, Ph.C., who recently passed the Major examination, is a lecturer at the same school.

French News.

(From the "C. & D." Paris Correspondent.)

The Increased Cost of Living.—The committee nominated by the General Association of French Pharmacists to study the question of mutual assurance recommended that the daily allowance, calculated before the war at 5fr. to 10fr., should be increased to 20fr. to 25fr. to meet present conditions.

At the Paris Fair, to be held from May 5 to 20 on the Esplanade des Invalides, the Quai d'Orsay, and the Cours-la-Reine, one of the features is to be a street and hall of pharmaceutical products. Space is let in the street in "shops" of 12 ft. by 9 ft., "half-shops" of 6 ft. by 9 ft., and in the hall at per square metre. Collective exhibits will also be organised. M. Charles Buchet is the President of this section, and the committee's address is 8 Place de la Bourse.

Ether Explosion in Street.—While a lorry driver was unloading tubes of ether in Rue Enghien on April 20, one of the tubes fell on to the pavement and was smashed. The ether reached a lighted match, thrown down by a passing smoker, and burst into flames. An explosion immediately followed, and flames were thrown on the clothing of Mme. Pepers, an accountant, who was standing near. She was burned alive in spite of the heroic efforts of witnesses of the accident. A dozen other people were burned and were taken to hospital.

Raw Materials for French Pharmacy.

The Wholesale Druggists' Association proposes to form a national office of raw materials for pharmacy, perfumery, etc. The French Government founded, some time ago, a committee for encouraging the culture and preparation of herbs used for medicinal purposes, and the Wholesale Druggists' Association intends to organise a commercial undertaking to work in close touch with the Governmental committee. A circular has accordingly been issued to the drug trade, quoting the report drawn up by M. Michel in 1915, in which he expressed the hope that Le Havre and Marseilles might once more become, what they were forty years ago, the trade centres of Europe; that direct importation might enable them to take the place of the German ports; and that export trade might be extended and developed. The scheme includes sections for the cultivation and collection of home and colonial produce, and for the importation of exotic plants. The matter was further discussed at a recent meeting of the Wholesale Druggists' Association. Professor Perrot said that the total sum necessary would be about 200,000fr. per annum. They hoped to obtain 50,000fr. a year from the Government. As to the budget of the Medicinal Plants Committee, probably 20,000fr. per annum would be asked from the Chambers of Commerce. M. Pillet said he had obtained coriander from Morocco instead of Riga. He had also cultivated plants around Paris, and found results varied; mint, for instance, had proved unsatisfactory. When the supply of gum from Senegal was found insufficient, Anglo-Egyptian imports were substituted. The British authorities laid an embargo on these Egyptian exports to France as M. Elbel explained, because some Bordeaux importers had represented that the Senegal supply was sufficient. Soudan gum could now freely arrive in France. M. Baube considered the programme of the office should be tripartite. The main points were:

(1) To cultivate medicinal plants in France instead of importing from Germany.

(2) To facilitate the establishment of steamship lines to supply the French market with overseas drugs direct.

(3) To educate foreign buyers, to address themselves to France, not only for essential oils but also for chemicals in general. A periodical publication for such scientific propaganda seemed to him essential.

M. Fermé said that the classification of overseas products was indispensable. The chairman remarked that as all speakers were favourable to the idea he would call another meeting at an early date to study the financial side of the problem.

Colonial and Foreign News.

Twenty privileged pharmacies changed hands and five new pharmacies were created in Denmark during 1919.

The Danzig Oil Mills Co. has been sold for 2,000,000 fl. to the Dutch margarine factory van den Bergh, which intends transforming it into a large margarine factory with a weekly output of 1,000,000 lb.

Nationalisation in Finland.—A motion has been introduced in the Finnish Parliament in favour of the pharmacies being taken over by the State; eight members have presented a petition asking that the pharmacies may be converted into municipal property.

Concessions to Pharmacists.—Pharmacists in Vienna are now permitted to keep open and use gas and electric light till 7 p.m. All other businesses (except shops selling foodstuffs) are forbidden to use light of any description after 3 p.m. A small supply of unbleached linen for straining infusions, etc., has been received, to be sold at 11.50 crs. (nominally 9s. 5d.) a metre.

Austrian Chemical Works.—An associatiou of Austrian capitalists, local bodies, business men, and chemists has been formed, with a capital of 60,000,000 cr., partly contributed by Dutch financiers, to erect a factory in Austria under the title "Donauländische chemische Fabriken, Ltd.," to undertake the manufacture of sulphuric acid, caustic soda, alcohol, hydrochloric acid, potassium permanganate, and a number of pharmaceutical products.

Statistics in Sweden.—In 1919 fifteen owners of pharmacies and six qualified pharmacists died, their average age being 65.3 and 42.6 years respectively. The average age of the sixteen qualified pharmacists who became owners during the past year was 48.8 years, and in an average they had spent 21.8 years as assistants before obtaining a pharmacy. The number of apprentices entering the profession totalled 116, of which forty-seven were women.

A conference was recently held in the Ministry of Health, Czecho-Slovakia, to which representatives of the Chamber of Commerce, wholesale druggists, pharmacists, and chemical manufacturers, were invited, to consider questions relating to available raw materials and the medicaments which could be manufactured therefrom. After a lengthy discussion it was decided that each section should elaborate a memorandum, to be submitted to the Ministry of Health.

Assistants in Denmark.—The Union of Danish Assistants (Dansk Farmaceyt Forening), who obtained a new salaries' agreement last year, in view of the increase in cost of living, has approached pharmacy owners for a further advance. At a recent meeting of representatives of both the parties the Apoteker Forening were willing to make a slight addition to the salaries. The assistants, however, wished to have the question considered, and the matter has now been referred to arbitration.

Pharmacist and Secretary of State.—A pharmacist, the editor of the Hungarian pharmaceutical journal "Gyogyszerészi Ertesitö," Dr. Endre Gál, has been appointed Secretary of State in Hungary. In the newly formed section for pharmaceutical affairs, attached to the Ministry of Health, four pharmacists have been appointed as officials. The employment of non-pharmaceutical *personnel* in Hungarian pharmacies has been forbidden, as prejudicial to the interests of members of the profession.

More Substitutes.—The question of substituting certain foreign drugs by German-grown plants is at present under discussion, in consequence of the depreciated currency and the resulting high price for imported drugs. It is suggested to replace senna by cort. frangul.; quillaia by horse-chestnuts; krameria by rhiz. tormentil; bearberry-leaves by herb. myrtill.; while finid extract of *Bursa pastoris* has yielded good results as a substitute for ergot and hydrastis. Kobert proposed the use of rad. saponar. rubr. in the place of senega as an expectorant.

New Industries for Portugal.—There is a steady increase in the number of new industrial undertakings being formed in Portugal; the number of applications to erect new factories amounted to twenty-two in 1917, thirty-four in 1918, and to sixty-three in 1919. This industrial activity is largely attributable to the absence of German competition, and among the new industries are the manufacture of sodium carbonate, copper sulphate, calcium carbide, chlorinated lime, aluminium sulphate, sodium chromate and bichromate, artificial silk, liquid air, etc.

Assistants in Holland.—The Amsterdam branch of the General Union of Pharmacy Assistants (Algem. Apothekers-Assistentenbond) recently held a meeting to discuss their claims for an improvement in their social position. Eventually a resolution was adopted expressing the opinion that the labour conditions for pharmacy assistants are far behind those of skilled workmen: that the increased payments to the pharmacies out of the sick funds should also serve the purpose of improving the salaries of the assistants; that a large number of the pharmacies had failed to revise the salaries in a noteworthy manner; and that the present movement should be coutinued until the demauds are granted.

Production of Sulphur.—The negotiations entered into between the producers of crude and refined sulphur have resulted in an agreement whereby a central office will be established in Catania to represent the interests of both parties. This office will control the sale of crude and refined sulphur to home and foreign buyers, and the profits realised (or losses) will be shared by the participants. This office will also fix the amounts of crude sulphur to be supplied to Sicilian as well as Italian industrial undertakiugs, based on the amounts available and according to a scale based on the production of these works and the average quantities of sulphur they obtained in the period between August 1, 1919, aud July 31, 1919.

Czech Pharmaceutical Undertakings.—After the Armistice, to prevent a depreciation in the Czech currency, the Government refrained from purchasing large stocks of remedies abroad, and to this policy is now attributed the flourishing illicit trade in pharmaceutical preparations. A number of Czech pharmaceutical firms have recently beeu founded, with the object of making the new republic independent of outside supplies. Among the new undertakings may be mentioned the Purchasing aud Manufacturing Association Co., in Kolin, with a share capital of 1,500,000 cr.; an association of wholesale druggists propose erecting a pharmaceutical factory in Znaim, with a capital of 4,000,000 cr.; Julien Meyer & Co., Ltd., in Prague, with a capital of 100,000 cr. In addition to the above, nine other smaller undertakings have been formed.

Austria's Chemical Problems.—In the debate on the Austrian Budget, in which the sum of seventy million crowns is allocated for educational purposes, the present situation of the various laboratories was depicted as being hopeless. At the conclusion of the war the chemical laboratories of the universities and high schools were without any glass apparatus, metal, or indiarubber, and the instruments were no longer serviceable. The prevailing prices for glassware, and particularly for chemicals, are enormous, and platinum, which formerly cost 3,000 crowns a kilo., now costs 650,000 crowns. The question of providing the necessary scientific literature affords another insurmountable difficulty, for at preseut the subscription to an English journal means an expenditure of more than 1,000 cr. The present prices to hospitals for the following chemicals were quoted: Cocaine, 48,000 cr.; morphine, 25,000 cr.; iodine, 5,500 cr.; ether, 336 cr. per kilo.

The South Wales and Monmouthshire Dispensers' Association resolved, at a meeting held at Llwynypia on April 16, to make an application for a general increase of salary of 14s. a week for all dispensers.

Legal Reports.

Camphorated Oil Cases.—At Redditch Petty Sessions, on April 14, Mr. Edgar Booth, chemist and druggist, Evesham Street, was charged with selling camphorated oil deficient in camphor to the extent of 6.3 per cent. Mr. T. H. Walthall appeared for the defence, and pleaded "Not guilty." Mr. Cecil Duncan, county analyst, gave evidence for the prosecution. Replying to Mr. Walthall, he said that the sample contained 18.74 parts of camphor and 81.26 of olive oil, so that the actual deficiency was 1.26 part. Mr. Walthall: Is it fair to say that it was 6.3? Witness: That is the percentage. Mr. Walthall contended that the analyst's certificate should be produced. Mr. Granam Peel, assistant to Mr. Booth, stated in evidence that he prepared the camphorated oil according to the formula of the British Pharmacopœia. Mr. Booth, who was also called, urged that the shortage was such a trifling matter that he should not have been proceeded against. The Bench found the case proved, but the chairman intimated that they did not think there was any fraud. They fined defendant 1*l.*, with costs, a total of 4*l.* 9*s.* 6*d.*—At Glasgow Police Court, on April 15, Mr. Daniel Thomson, chemist and druggist, 324 Rutherglen Road, was summoned for having sold, on January 23, 4 oz. of camphorated oil which was found on analysis to contain 32 per cent. of cottonseed oil. The case was defended by a member of the firm of Wilson, Caldwell & Tait, instructed by Neve, Beck & Kirby on behalf of the Chemists' Defence Association, Ltd. The defence was shown to be based on a warranty, and the case was dismissed.

A Radium Deal—In the City of London Court on April 15, before Mr. Registrar Wild, a claim was made by the Radium Chemical Co., Ltd., 10 Moorgate Street, E.C., against Mr. P. S. O'Donnell, 12 Porteous Road, Paddington, W., for the sum of 3*l.* 5*s.* 6*d.*, an analyst's fee for one tube of radium bromide. Plaintiffs' solicitor said that the defendant sent them a tube of radium and asked them whether they would purchase it. Plaintiffs said they would, provided they knew the quantity of radium the tube contained. An examination of the tube was made, and there was found to be 0.5 milligram of radium. Radium was worth 15*l.* per milligram. Mr. Registrar Wild said he did not see where the liability of the defendant came in to pay for the examination of the tube. It had not been shown he had ever asked plaintiffs to make the examination. Plaintiffs' solicitor said the defendant had entered into an arrangement to pay for the examination, because he wrote in July 1919: "Yours of the 24th to hand. I was under the impression that the examination would not be more than 1*l.* 1*s.*" After the examination the plaintiffs had replied that they did not want to purchase the defendant's tube, and then application was made to the defendant for payment of the examination-fee. The defendant did not repudiate the arrangement. There was no dispute except on the question of amount. The Registrar: The defendant says in his letter he will pay 1*l.* 1*s.* What do you say is the value of the radium? Plaintiffs' solicitor: About 7*l.* The Registrar: And it costs 3*l.* 5*s.* 6*d.* to find out how much there was. Plaintiffs' solicitor: You see, radium is worth 15*l.* per milligram, and if there had been two milligrams in the tube he sent us it would have been of some value. He did not know where to get it tested, and we arranged to do so. The Registrar said that by the letter put in the defendant disputed the matter, and said 1*l.* 1*s.* was enough. As the defendant did not appear to say anything, he would give judgment for the plaintiffs for the amount claimed. Judgment was entered accordingly.

Claim for Services Rendered.—In the King's Bench Division on April 20, Mr. Justice Sankey had before him an action brought by Mr. John Jenkin John, Stratford Road, Kensington, against Mr. John Timmis, Woodcote, Bromley Common, to recover the sum of 200*l.* which the plaintiff said it had been agreed should be paid to him by the defendant for services rendered. Mr. Melville, for the plaintiff, said Mr. Timmis was the owner of a number of chemists' shops, one of them being at 4 Edwardes Terrace, Kensington. In the early part of 1915 the plaintiff was employed by the defendant upon an agreement that he was to receive 4*l.* per week as manager of the business, and would be well rewarded if he made the business pay. In February 1919 the defendant sold the business, and later agreed with the plaintiff that as a reward for his services he would give him half the sum realised by the sale, which he represented as 200*l.* Defendant also said he would advance the plaintiff 400*l.* as a loan to start him in business. The plaintiff subsequently found that the business was sold for 400*l.*, and accordingly returned the 100*l.* which had been sent him, saying it was not in accordance with the agreement. The defence, said counsel, set up that the promise of the defendant was to pay a cash bonus of 100*l.*, and that it was void for want of consideration. Defendant, giving evidence, said he never promised to reward the plaintiff for his work. He did, in fact, make him gifts of money from time to time, and plaintiff never said he was dissatisfied. He never told the plaintiff he received 200*l.* for the business, and the plaintiff knew that the sale realised 400*l.* His Lordship, giving judgment, said he found that there was no definite agreement between the parties as alleged by the plaintiff. No doubt the plaintiff thought he would be taken into partnership, and was disappointed when he learned of the sale of the business. He (the Judge) was satisfied that there was no deception on the part of Mr. Timmis, and that what he meant to give the plaintiff and was willing to give was half of 200*l.* and not of 400*l.* The question then arose whether the plaintiff was entitled to the 100*l.* He (the Judge) had come to the conclusion that there was no consideration for it either in fact or in law, and it was unfortunate for plaintiff that he did not keep the 100*l.* when it was sent to him. There would be judgment for the defendant, with costs.

Destruction of Books.—In the King's Bench Division, Dublin, last week, before Mr. Justice Gibson, Mr. Justice Gordon, and Mr. Justice Samuels, in the case of the King (Charles Key) *v.* Edmund Lupton, Mr. Lardner, B.L. (instructed by Mr. James Brady) applied on behalf of Charles Key, secretary of Blake's Medical Stores, Ltd., 67 Middle Abbey Street, Dublin, for a conditional order of *certiorari* directed to Mr. Edmund Lupton, K.C., one of the Divisional Justices of the Dublin Metropolitan Police District, prohibiting him from having an order executed for the destruction of 233 books and about 1,000 price lists which were seized by the police on the premises 67 Middle Abbey Street, and setting aside the order on the grounds that it was wrong in form and bad in law, inasmuch as no such person as Charles Blake, named in the order, existed, that he was not, therefore, the occupier of the shop, and that the books and lists ordered to be destroyed were the property of Blake's Medical Stores, Ltd. (*C. & D.*, April 17, p. 50). The grounds on which the magistrate made his order for their destruction was that they were obscene, and of such a character that their publication would be a misdemeanour and proper to be prosecuted as such, and that they were kept for sale and distribution in the shop. Mr. Lardner moved on the affidavit of Mr. Key, who referred to the summons (addressed to Charles Blake and the occupier of the shop) on the hearing of which the order of Mr. Lupton was made on April 8. Before the hearing was entered upon, Mr. Brady, solicitor, who appeared for the defence, pointed out to the magistrate that there was no such person as Charles Blake, as named in the summons, and that the occupiers of the premises and the owners of the books set forth in the summons were Blake's Medical Stores, Ltd.; and he made an offer, without prejudice to the legal rights of Blake's Medical Stores, Ltd., to consent to an amendment of the summons in this respect. The magistrate asked Mr. Davis, the solicitor for the police, who were the prosecutors, whether he desired to have any amendment, as suggested. Mr. Davis said "No," and that the prosecutors desired the case to proceed in

the form of the summons as served. The case was then heard, and the magistrate made the order. He (Mr. Key) positively said that there was no such person as Charles Blake in any way connected with Blake's Medical Stores, Ltd., and no such person appeared or was represented before the magistrate. Mr. Lardner said he did not want to discuss the merits of the case as regards these books. There might be a well-founded controversy as regards some of them. They had been the subject of comments in the English Press. His clients could not appeal, because they could not get sureties for a person who did not exist, and under the circumstances he asked the Court for a conditional order of *certiorari*. Mr. Justice Gibson, in announcing the decision of the Court granting a conditional order, said the real grievance was that Mr. Lardner could not appeal.

Strength of Saccharin Tablets.—At Batley Police Court, on April 16, Mr. Thomas Henry Walton, manufacturing chemist, Upper Road, Batley Carr, was charged on eight summonses with selling and falsely describing saccharin tablets which were alleged to contain only two-thirds of the guaranteed quantity of saccharin. Alternatively, eight summonses were issued against the defendant as T. H. Walton & Co., Ltd. The prosecution was taken at the instance of Boots Pure Drug Co., Ltd., for whom Mr. A. M. Bramall appeared. It was stated that defendant had advertised in chemists' trade journals packets of 100 ½-gr. saccharin tablets, 330, at 9*s*. per doz. They had been offered on four separate dates, and goods had been supplied on this description. Upon analysis, the tablets were found to be from 30 to 36 per cent. deficient in saccharin. The prosecutors suggested that ½-gr. saccharin tablets of the sweetness advertised could not be sold at 9*s*. per doz. packets with a profit. Mr. Bramall drew attention to the fact that the sale of these tablets rendered every retail chemist who stocked them liable to prosecution. Mr. H. B. Richmond, chief analyst for Messrs. Boots, and other experts from Nottingham and Sheffield, gave evidence to the effect that the tablets advertised and supplied were practically one-third deficient in saccharin. Mr. F. J. Stewart Watts, defending, did not deny the seriousness of the charge, but submitted that the prosecution had quite failed to prove false trade-description or to prove the alleged deficiency in a single tablet. The magistrates, however, decided against Mr. Watts on these points. Mr. Watts, continuing, said there had been no intent to defraud. The defendant had taken all reasonable precautions against committing any offence. The saccharin he used had come from Messrs. Boots themselves, and the tablets were made with great care by Mrs. Walton, who was a qualified chemist and druggist, and the only possible explanation of the mishap was that by mistake the packing girls must have packed ⅓-gr. tablets in ½-gr. tablet boxes at a time when Mrs. Walton, owing to indisposition, had not been able to exercise the usual supervision. Mrs. Walton, giving evidence, said she had made saccharin tablets for three years, but on February 3 she gave up doing so, and a man took on the work. The saccharin had affected her throat. But she occasionally visited the premises where the tablets were made and packed, and some time between March 3 and March 10 she took a tin of tablets into the packing-room and set the girls packing boxes of 100 tablets. She thought they were packing ½-gr. tablets. Mr. Bramall, cross-examining, pointed out that the ⅓-gr. tablets were in boxes with orange labels, which the defendant usually used for boxes of ⅓-gr. tablets, blue labels being used for ½-gr. tablets. Witness replied that, owing to a shortage of blue labels, the printer sent orange-coloured labels, which were used for a short time for ½-gr. tablets. Mr. Thomas Henry Walton, the defendant, gave corroborative evidence, and said he commenced the saccharin-tablet business about three years ago. Contending that 100's of ½-gr. saccharin tablets, 330, could be sold with a profit at 9*s*. per doz., witness gave figures as to cost of raw materials, boxes, and carriage to prove a total cost of 7*s*. 3*d*. per doz. Replying to Mr. Bramall, witness admitted that his calculations did not include cost of manufacturing, packing, machinery, wages, etc. The Bench decided that the three cases dealt with in evidence had been proved, and the defendant then pleaded "Guilty" to the fourth. A fine of 5*l*. was imposed in each of the four summonses of false trade-description, and similar penalties in the four cases of selling, with costs (which the Bench limited to 40*l*.), making a total of 80*l*.

The Profiteering Act.

Notes.

Committee's Light Duties.

At the conclusion of business at a sitting of the Kensington Profiteering Committee on April 19, the chairman said that he supposed he must congratulate the borough, as the Committee's three-quarters of an hour's work that evening represented three weeks' complaints.

Committee's Disbandment Suggested.

The Fulham Profiteering Committee discussed, on April 20, the question of whether it should continue its operations, the Finance Committee of the Fulham Borough Council having suggested that it was not worth while for the Profiteering Committee to remain in existence. The chairman suggested that the Committee was a deterrent to profiteering, as tradesmen did not like publicity. The assistant-clerk said that the present Act terminated on May 9 next, but the Board of Trade would give no information as to what would be done. It was decided to continue the Committee until May 9.

Complaints.

Blackpool.—The Profiteering Committee should have heard, on April 16, a complaint brought by a Mr. Cole against the Nazone Medicine Co. for a charge of 10*s*. for four bottles of Nazone. A letter was received from the complainant, however, expressing surprise that his attendance would be required, and asking that the matter should drop. The respondents had asked that the case should be adjourned, and this course was adopted.

Ealing.—At the sitting of the Profiteering Committee on April 14, Mr. Arthur Armitage, chemist and druggist, South Ealing, was the respondent in a complaint of having sold 6 oz. of cod-liver oil for 2*s*. 3*d*. The complainant said that he had bought cod-liver oil elsewhere in the same quantity and of the same quality for 1*s*. 11*d*. Mr. Armitage admitted the sale, and called Mr. Thomas Marns, secretary of the Ealing and District Pharmacists' Association, to give evidence. Mr. Marns stated that cod-liver oil in 1909 cost 4*s*. 3*d*. per gallon and retailed at 2*d*. per oz.; in 1915 the wholesale price per gallon advanced to 6*s*. 3*d*., and the retail price remained 2*d*. per oz. To-day cod-liver oil was costing 26*s*. a gallon, and if sold at 2*s*. 3*d*. for 6 oz. was not realising as much profit as in 1914. He therefore contended that the Committee had no option but to dismiss the case. Questioned as to the rate of profit in 1914, Mr. Marns pointed out that the chemist's turnover was so small that he must have a much greater rate of profit than a trader who was dealing in large quantities. The chemist put an ounce of cod-liver oil into a bottle, supplied a cork and label, wrapped it up, and then charged the sum of 2*d*. If a waiter was worth this sum for services rendered, how much more were a qualified chemist and druggist's services worth? A member of the Committee asked how it was that a stores list dated 1914 quoted 2*s*. 3*d*. for a pint of cod-liver oil. Mr. Marns replied that large stores often made purchases of certain lines, and re-sold them at little or no profit as an advertisement. Mr. Armitage gave confirmatory evidence. The Committee decided that 2*s*. would have been a fair price, and ordered a refund of 3*d*. Mr. Armitage declined to refund the money, and lodged a notice of appeal.

Kensington.—At the sitting of the Profiteering Committee on April 19, a complaint was reported concerning a charge of 9*s*. made at a local pharmacy for dispensing a prescription; the complainant stated that at each of two other shops he was quoted 3*s*. 2*d*. for the same mixture. It was decided to investigate the complaint.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

Dyktor, Ltd. (P.C.).—Capital, 12,000*l.* Objects: To carry on the business of manufacturers, importers and exporters of and wholesale and retail dealers in goods, provisions, dairy-farm and garden produce, soap, candles, perfumery, chemicals, etc. R.O.: Billiter House, Billiter Street, London, E.C. 3.

Tubbs & Co., Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of manufacturers of and dealers in dental, surgical, medicinal, chemical, optical, photographic, and electric materials, instruments, and appliances, etc., and to adopt an agreement with H. S. Tubbs. R.O.: 24 Great Tower Street, London, E.C.

Clem. P. Calyton Co., Ltd. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business of horticultural and agricultural chemists, of manufacturers, makers of and dealers in insecticides, fungicides, soil sterilisers, disinfectants, fumigating materials, etc. Solicitor: C. B. Shepherd, 27 Chancery Lane, London, W.C.

Anglo-American Nitrogen Co., Ltd. (P.C.).—Capital, 25,000*l.* Objects: To carry on the business of a manufacturer of chemical fertilisers and nitrogenous and other manures and by-products thereof as formerly carried on by J. J. D. Main as the "Anglo-American Nitrogen Co." at the Public Wharf, Belgrave Gate, Leicester.

E. R. N. Synd, Ltd. (P.C.).—Capital, 1,000*l.* Objects: To carry on the business of contractors, builders, wholesale chemists and druggists, manufacturers of and dealers in tar, charcoal, alcohol and other products from the distillation of wood, manufacturers of and dealers in nitrates, iodides, etc. R.O.: 8 Mandeville Place, London, W.

Crownall Food Co., Ltd. (P.C.).—Capital, 1,000*l.* Objects: To carry on the business of manufacturers of and dealers in food, flour, custard powder, baking powder, farinaceous compounds, chemists' sundries, etc. The first directors are: J. E. Bowler and C. T. Jones. R.O.: Clarence Chambers, Corporation Street, Birmingham.

Sunbeam Products, Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of manufacturing chemists, manufacturers of metal, boot, furniture, floor, and motor-body polishes, makers of rubber solutions and tyre-repair outfits, etc. Secretary: A. E. Crutchley. R.O.: Arcturus Works, Queen's Road, Battersea, London, S.W. 8.

Q-Ozone Processes, Ltd. (P.C.).—Capital, 10,000*l.* Objects: To acquire and deal with certain patents and rights relating to the use of ozone and chemical processes for various electrical, chemical, metallurgical, and commercial applications, etc. Mr. J. R. Quain, 55 Effra Road, Brixton, S.W., electrical engineer, is a permanent governing director.

Genito-Urinary Manufacturing Co., Ltd. (P.C.).—Capital, 10,000*l.* Objects: To enter into an agreement with R. and P. Schranz, B. H. Sweek, A. E. Bean, and P. Watson, and to carry on the business of surgical instrument and appliance makers, chemists, druggists, etc. Solicitors: Lawrence Webster & Co., 14 Old Jewry Chambers, London, E.C.

Centaur Chemical Co., Ltd. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business indicated by the title. The permanent directors are: J. G. Dale, 68 Holland Park, W.; Mrs. J. M. Dale, 68 Holland Park, W.; F. W. Westwood (managing director), "Welcombe," Wandsworth Common, S.W. R.O.: Bassishaw House, Basinghall Street, London, E.C.

Institute of Truss and General Surgical Mechanicians, Ltd. (P.C.).—Capital, 1,000*l.* Objects: To carry on business as manufacturers of and dealers in hernial and other trusses, remedial, curative, and other belts, abdominal supporters, artificial limbs, eyes, etc. Mr. E. T. Rich, 30 High Street, Swansea, chemist, is the first director. R.O.: 86 Farringdon Street, London, E.C.

Berrite, Ltd. (P.C.).—Capital, 30,000*l.* Objects: To take over the business carried on by the Copal Varnish Co., Ltd., as dealers in insulating materials and compositions under the style of "Berrite," including the trademark "Berrite." Solicitors: Janson, Cobb, Pearson & Co., 22 College Hill, London, E.C.

Mica Manufacturing Co., Ltd. (P.C.).—Capital, 25,000*l.* Objects: To carry on the business of manufacturers, importers and exporters of and dealers in mica, micanite, and insulating materials, paints, varnishes, papers and paper cloths, electric, magnetic, galvanic, chemical and other machinery, etc. R.O.: 22½ Cazenove Road, London, N. 16.

W. G. Beisly, Taylor & Co., Ltd. (P.C.).—Capital, 2,500*l.* Objects: To take over (1) the business of a perfume manufacturer carried on by W. G. Beisly at 108 Preston Old Road, Blackpool; and (2) the business of a dealer in toilet requisites and chemists' sundries carried on by C. W. Taylor at 4 St. Ann's Square, Manchester. R.O.: 4 St. Ann's Square, Manchester.

Masson, Seeley & Co., Ltd. (P.C.)—Capital, 10,000*l.* Objects: To carry on the business of chemical engineers, analytical and consulting chemists, etc. The first directors are: G. S. Walpole, D.Sc., The Meade, Beaconsfield, Bucks, consulting chemical engineer; and W. Brumwell, 105 Greencroft Gardens, Hampstead, N.W. 6, chemical agent. R.O.: 121 Victoria Street, London, S.W 1.

Smithfield Animal Products, Ltd. (P.C.).—Capital, 150,000*l.* Objects: To carry on, among other things, the business of manufacturers of and dealers in animal or poultry foods and medicines, manufacturing chemists, manufacturers of meat and other extracts, glue, gelatine, etc. The first directors are: J. E. Grimditch, A. E. Pitt, A. Dalley, and V. H. Poynter. R.O.: Marshgate Lane, Stratford.

Eurexine Drug Co., Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of druggists, manufacturing chemists, drysalters, surgical-instrument makers, opticians, photographic dealers, oil and colourmen, etc., and to acquire from P. P. Keats, of Mary Street, Balsall Heath, Birmingham, the business carried on by him as the "Eurexine Drug Co.," together with the name "Eurexine." R.O.: 169 Mary Street, Balsall Heath, Birmingham.

Wallis Crown Cork Co., Ltd. (P.C.).—Capital, 65,000*l.* Objects: To carry on the business of crown-cork, stopper, syphon and bottle manufacturers and dealers, manufacturers of crown-cork machinery and accessories, and to enter into two agreements with (*a*) the liquidators of the Wallis Crown Cork and Syphon Co., Ltd., and (*b*) H. French and H. C. Wallis, etc. The first directors are: H. C. Wallis, Hubert French, and H. G. Domville. R.O.: 83 and 83A Mansell Street, Aldgate, London, E.

Lysol, Ltd. (P.C.).—Capital, 150,000*l.* Objects: To carry on the business of manufacturers of and dealers in surgical and other antiseptics, disinfectants, dressings, ointments, lotions, and powders, etc. The liquidator of the earlier company of same name has consented to this registration. The first directors are: C. Bell, 9-10 St. Mary-at-Hill, E.C., chemical merchant; S. H. Marshall, Bracklin, Belmont, Surrey, and Lysol Works, Crayford Mills, Stratford; and E. J. Parry, B.Sc., F.I.C., F.C.S., 56A Great Dover Street, London, S.E.

Allen & Hanburys, Ltd.—The directors announce that the issue on April 8 of 65,750 7 per cent. cumulative preferred ordinary shares of 1*l.* each at par to members of the medical profession, customers, and existing shareholders has been over-subscribed, and that letters of allotment and regret have been posted.

United Alkali Co., Ltd.—The directors, in announcing that they are as yet unable to present last year's accounts, state that they consider the dividend of 3*s.* per share, already announced, fully justified. They present a combined account for the two previous years showing a profit, after transferring 30,000*l.* to the debenture redemption fund, of 735,613*l.*, and 23,529*l.* was brought forward. A sum of 100,000*l.* has been allocated to general reserve and 150,000*l.* to special reserve, and a divdend of 3*s.* was paid for each year.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

New Profiteering Bill.

Mr. Bridgeman, on April 21, introduced in the House of Commons, on behalf of the Board of Trade, a Bill "to amend and extend the duration of the Profiteering Acts, 1919."

Shops (Early Closing) Bill.

This measure was further considered in Committee on April 20, when the main subject discussed was the sale of chocolates in theatres. The Bill was reported to the House of Commons on April 21, and is to be further considered on April 26.

Optical Appliances.

Mr. Sitch asked the Lord President of the Council on April 15 if it is his intention to appoint a committee to inquire into the supply of spectacles and eyesight glasses generally by vendors not qualified by examination, on the same lines as those of the recent inquiry into unqualified dental practitioners.

Dr. Addison, who replied, said the recent inquiry was not limited in scope to the unqualified practice of dentistry, and the conditions prevailing, which rendered it necessary, have no parallel in the circumstances connected with the production of optical appliances.

Training Grants.

Mr. Myers, on April 12, asked the Pensions Minister concerning the case of Mr. G. H. Pickles, of 85 Osborne Street, Bradford, who joined the Army in July 1917, after he had served fifteen months of his apprenticeship as a pharmaceutical chemist, and was demobilised in November 1919, and who still requires nine months' working experience, after taking into consideration an allowance of twelve months' deduction of his apprenticeship period for his Army service, before he is entitled to take advantage of the award of the grants Committee of the Ministry of Labour appointment department in respect to training at a college, if he is aware that the only offer Mr. Pickles can get to allow him to gain the required working experience for nine months is that of a local chemist and the wage offered to him is only 10*s.* per week, on which he cannot exist; that the Ministry of Labour appointments department has refused to make a training grant to supplement this small wage; that Mr. Pickles is consequently confronted with the alternative of abandoning the profession for which he had made expensive preparation prior to joining the Army and beginning life afresh in some unskilled occupation; and whether, in these circumstances, he will take action in the matter with the object of assisting Mr. Pickles.

The Parliamentary Secretary to the Ministry of Labour (Sir Montague Barlow) replied: I am aware that the grant awarded to Mr. G. H. Pickles covers only the period of his college training. The award conformed exactly with the recommendation of an Interviewing Board, consisting of business men serving in a voluntary capacity, and presided over by a member of the Pharmaceutical Society of Great Britain. I am not aware that the wage offered to Mr. Pickles during the completion of his apprenticeship is only 10*s.* per week, but I am issuing instructions that he should be invited to appear again before the Interviewing Board.

The Budget.

The Chancellor of the Exchequer (Mr. A. Chamberlain), in the House of Commons on April 19, gave his financial statement—"The Budget"—in which he reviewed the national expenditure and the taxes which will have to be levied to produce the necessary revenue. The expenditure last year (1919-20) was approximately 144,000,000*l.* less of the Budget estimate, but 63,000,000*l.* below the revised estimate presented to the House last October. The Exchequer receipts were nearly 138,500,000*l.* more than the Budget estimate for 1919-20, which was 1,202,000,000*l.* The increase in the Customs and Excise receipts was mainly due to the larger yield of the taxes on beer, spirits, tobacco, and tea. Other increases were in excess profits duty and stamp duties. The dead-weight debt on March 31 was estimated to amount to 7,835,000,000*l.* For the ensuing year the expenditure was estimated at 1,177,452,000*l.*, and the revenue 1,341,650,000*l.*, leaving on the existing basis of taxation 164,000,000*l.* for the reduction of debt. The Chancellor then went on to show that this surplus was not sufficient, and he proceeded to indicate the new taxes that would be needed to provide a more substantial surplus. Loss on the Post Office is to be made good by the following charges: In the letter postage an increase to 2*d.* per 3 ounces and ½*d.* for each additional ounce. In the newspaper postage, now resulting in a heavy loss, there will be a postage of 1*d.* for 6 ounces, or less, instead of ½*d.*, with ½*d.* for each further 6 ounces. Parcel post will follow the increases already made in the rates for the carriage of parcels by rail. The minimum charge for telegrams will be raised to 1*s.*, with 1*d.* for each additional word over twelve words. Proposals will be made in respect of telephone charges to the Select Committee to be appointed, and it is estimated that they will produce at least a further 2,750,000*l.* a year. Charges for postcards and printed papers will also be raised. Power is to be taken to increase the charge for postcards to 1½*d.*, and for printed papers proportionally, but these will not be brought into force until after the International Congress to be held at Madrid in the autumn. After dealing with the petrol tax and carriage licences, the Chancellor went on to explain the increased duties on spirits, 22*s.* 6*d.* a proof gallon, making the total 72*s.* 6*d.* a gallon. This increase is expected to yield 24,500,000*l.* in a full year. Beer, wines, and cigars also have increases in the amount of tax. In the case of direct taxation, the income-tax is to remain at 6*s.*; but alterations are to be made in the manner of collecting it. Receipt duties are to be raised from 1*d.* to 2*d.* The excess profits duty, which stands at 40 per cent., is to be increased to 60 per cent., subject to the practicability of a levy on war increases in wealth. A new tax of 1*s.* in the pound on the profits of limited companies is to be levied. The Budget is expected to yield 234,000,000*l.* for the redemption of debt this year. The House of Commons then proceeded to pass the resolutions dealing with the continuation of duties on tea, medicines, spirits, etc. The resolutions dealing with spirits are as follows:

Spirits (Excise).

Resolved,

"That—

(*a*) in addition to the duty of Excise now payable for every gallon computed at proof of spirits distilled in the United Kingdom there shall, on and after the twentieth day of April, nineteen hundred and twenty, be charged the following duty (that is to say):

	£	*s.*	*d.*
For every gallon of spirits computed at proof	1	2	6

and so on in proportion for any less quantity; and

(*b*) that it is expedient that the Excise duty on spirits should be charged on spirits by whatever process manufactured in the United Kingdom, as well as on spirits distilled therein.

And it is declared that it is expedient in the public interest that this Resolution shall have statutory effect under the provisions of the Provisional Collection of Taxes Act, 1913."

Spirits (Customs).

Resolved,

"That, in addition to the duties of Customs now payable on spirits imported into Great Britain or Ireland, there shall on and after the twentieth day of April, nineteen hundred and twenty, be charged the following duties (that is to say):

	£	*s.*	*d.*
For every gallon computed at proof of spirits of any description except perfumed spirits	1	2	6
For every gallon of perfumed spirits	1	15	10
For every gallon of liqueurs, cordials, mixtures, and other preparations entered in such manner as to indicate that the strength is not to be tested	1	10	3

And it is declared that it is expedient in the public interest that this Resolution shall have statutory effect under the provisions of the Provisional Collection of Taxes Act, 1913."

Fixed Retail Prices.

The following is the Report of the Sub-Committee appointed by the Standing Committee on Trusts under the Profiteering Act to consider the question of fixed retail prices:

The members of the Sub-Committee are: Messrs. Douglas Wenham (chairman), G. W. Bailey, E. Bevin, John Hilton, J. W. Hope, T. B. Johnston, H. L. Symonds, and Sidney Webb.

The terms of reference were: "To report the extent to which the principle of fixing a minimum retail price by manufacturers or associations prevails; what are its results, and whether the system is, in the interests of the public, desirable or otherwise."

The report to the chairman of the Standing Committee on Trusts is as follows:

We were appointed to report the extent to which the principle of fixing a minimum retail price by manufacturers or associations prevails; what are its results, and whether the system is, in the interests of the public, desirable or otherwise. The Committee have held five meetings and have heard evidence from eight witnesses, they have also had before them a list compiled by the Profiteering Act Department comprising a large number of articles of common use, retail prices of which are known to be fixed, and a memorandum by Sir William Glyn-Jones describing the genesis and procedure of the Proprietary Articles Trade Association, which embraces, solely, articles dealt in by retail chemists and druggists, and vendors of patent medicines. While recognising that a considerable further body of evidence was available, and that we might have continued our investigations so as to cover a larger field, and to include in our report a fuller account of the various methods of, and schemes for, fixing retail prices which we understand to be in existence, we are unanimous in believing that we have sufficient information before us to enable us to present our general conclusions on the subject. We consider it important that our report should be presented without any avoidable delay as the subject for consideration is one which has recently been frequently referred to in the Press, and has on several occasions been before local Profiteering Tribunals.

The witnesses before us have included those representing various classes of manufacturers, merchants, and retailers, who have practical experience of the working of the different systems of price maintenance in vogue, and we have also had the benefit of the views of a representative of the co-operative movement, who is also a member of the Consumers' Council, and of the Standing Committee on Trusts, and who was able to place before us some aspects of the question which were of great interest and assistance to us.

Our discussions have led us to the view that there are two distinct headings under which the subject of the fixing of retail prices should properly be considered, and it is proposed to treat these more or less separately in this report, as we believe it to be important for the proper understanding of the question that they should be somewhat clearly distinguished. These headings may be set out as follows:

A. Proprietary Articles—sold under trade-marks or trade-names, or made under patents, these in the case of medicines (a very numerous class) being subject to the Inland Revenue Stamp-duty.

B. Goods of Common or General Use—controlled by associations or combinations which fix prices at which retailers must sell or below which they must not sell to the public.

Proprietary Articles.

Taking section A. first, it will be found to include (*inter alia*) the large bulk of articles comprised in the list referred to above which has already been circulated to members of the Standing Committee on Trusts, and to which a further reference is suggested. It should be noted that generally speaking the prices for these articles are fixed by the individual manufacturer producing them, and not by combines or associations, except in the case of the Proprietary Articles Trade Association, which is more particularly referred to later. In the cases of such proprietary articles as are referred to in this section of our report, there have been placed before us two separate memoranda setting out the origin of the system and the reasons why its adoption has been considered necessary. We refer to the memorandum named above by Sir William Glyn-Jones on the Proprietary Articles Trade Association and to that submitted to us by the Imperial Tobacco Co., from whom we also received oral evidence. These memoranda are in agreement in all essential particulars as to the origin of the plan of fixing retail prices and may be summarised as follows:

> At the time when open competition in proprietary articles was in vogue, it was found that there was very keen cutting of prices between retailers themselves, proprietary articles being sold at a margin of profit which left less than a living wage to the retailer. Many of the smaller men were driven out of business, and this reacted on the manufacturer, who found the number of retailers who were prepared to push the sale of or even to stock his product diminishing. In addition to this, it was found that the large stores were in the habit of selling proprietary articles at a price less, in some cases, than the actual cost to the small retailer. This was done in order to attract purchasers for other goods and not by way of legitimate competition, it sometimes being found that the proprietors of a large store after accomplishing their object ceased to stock the article any further, with the result that the manufacturer of it was "let down," and the small retailer had lost that part of his business without any corresponding advantage to the public.

We believe this to be briefly the history of the origin of systems of price maintenance in proprietary and named articles. With regard to this portion of our report, we believe it to be the case that where, as at the present time, the demand is in excess of the supply, the method of fixing retail prices has undoubtedly restrained or tended to restrain any undue inflation of prices, such as might easily have taken place if no such method had prevailed. The standard or fixed price is usually a matter of common knowledge to the consumer, and no retailer has a chance of obtaining a higher price except in very rare instances. The evidence has satisfied us that the price fixed by the manufacturer has, in almost every instance, been adhered to by retailers. We further find that the margin of profit allowed to the retailer is in most cases not so large as to enable him to cut the price, even if he wished to do so, except at a loss, but that it is such as the experience of the particular trade has shown to be adequate to enable him to earn a fair remuneration for his services as a distributor. We may add that the evidence of the retailers whose evidence we have taken was generally to the effect that the margin of profit on goods for which retail prices are fixed is not so large as that which they would on the average obtain for uncontrolled goods, and that while they recognised that in many cases a not unreasonable profit accrued to them from the sale of these goods, they would have been glad to be allowed a more liberal scale of profit. It is, we submit, clear that a manufacturer of a proprietary article in fixing a margin of profit to the retailer must determine a rate which (1) will afford the retailer a sufficient inducement to stock and push the sale of his product on a sound basis of trading, and (2) will not be so high as to deter the public from purchasing, or to induce them to look out for a substitute which will equally serve the purpose at a lower price. We are satisfied that these considerations will effectively check any tendency to profiteering on the part of retailers in the case of such proprietary goods. In times, on the other hand, where the supply is in excess of the demand, the ordinary conditions of competition will usually necessitate the price of proprietary articles being adjusted so as to meet the conditions of the market.

Ordinary Commodities.

The second section of this report (B) is, however, the one which we conceive will be of more immediate and particular interest to the Standing Committee on Trusts. While in the case of proprietary articles referred to in Section A, the practice of fixing retail prices is, and must of necessity be, almost universal, we have been unable to satisfy ourselves that the fixing of retail prices by combines or associations is by any means widely prevalent, though no doubt it will tend to increase as the closer and more complete organisation of various trades is gradually brought about. A witness who has a very long and wide experience of a certain section of retail traders informed us that while the average number of articles regularly kept in stock by members of the retail trade on whose behalf he was speaking would number at least 2,000, he did not think the number of articles of which the retail price was fixed or controlled by associations or otherwise would, at the outside, exceed twenty, and even these he was not able to specify at the moment. He was speaking of a trade which is generally regarded and spoken of as being pretty well organised, and we are of opinion that the percentage stated in this case might fairly be taken as the outside limit of articles of general use which are the subject of price maintenance controlled by combines and associations. We have had the advantage of hearing the full details of the method of fixing retail prices in two particular trades as between (1) the producer, (2) the factor or wholesaler, (3) the retailer, and (4) the public or consumer. The margin of profit allowed in such cases has generally, we find, been such as the experience of each trade has shown to be, in the opinion of those fixing the prices, adequate to remunerate each class of trader for the services performed by him. The view taken by the wholesalers, and still more by the retailers whom we have heard, is, however, we are bound to add, that the margin of profit allowed to them by the manufacturer, though it cannot be called unfair or inadequate, is less than they would have liked to obtain and less than they are actually able to obtain in many instances in the case of uncontrolled goods. The price at which the retailer is under such arrangements allowed to sell to the public is in most cases, we believe, a minimum price, but we are informed that in practice this minimum price usually becomes a maximum or fixed price.

Two reasons for this were given: (1) that in course of time the standard or market price becomes generally known to the purchasing public, and (2) that competition between one retailer and another prevents anything beyond the minimum price being asked for. We believe that in the majority of cases one or both these factors will regulate the retail price, but it should be pointed out that cases might arise—*e.g.*, where one retail shop serves a small village or district and rival shops are far away—in which the retailer might take advantage of his position. This, however, he would do even more easily were there no fixed retail prices. In cases also where goods are handed over the counter in very small lots the minimum price may sometimes be exceeded. In the latter instance it must be admitted that some excuse may be made for the higher price being charged. We are satisfied, however, that, broadly speaking, where a minimum retail price is fixed, this tends more and more to become a standard or recognised market price. In some cases the retailer is bound not to sell at either more or less than the fixed retail price, and this system, of course, provides an additional protection to the consumer, as also does the system of marking upon the goods themselves the retail selling prices where this is practicable, as in the case of the scheme recently adopted for the provision of standard boots.

Various methods are adopted for enforcing upon the retailer the observance of the minimum price fixed. In almost all cases a clause is attached to the invoice to him stating it a condition of the sale that the article shall not be sold below the fixed price. Such a clause is, we understand, legally enforceable, and has in some cases been so enforced. In addition to this, it is not unusual to deprive the retailer failing to observe the price-maintenance condition of some special discount or rebate offered to those who observe the terms, and it might be in extreme cases that supplies would be withheld from those who fail to do so. No actual evidence has been placed before us that this latter step has, in fact, been taken. It is not unusual to couple with the price-maintenance conditions some special inducement in price or discount to those retailers who agree to confine their purchases to the particular body of manufacturers who fix the retail prices. The object of this from the manufacturers' point of view is obvious, but it has been pointed out that from the retailers' point of view it is also advantageous in that it protects him from price cutting by his rivals, selling other and possibly inferior goods at a lower price. It is further supported on the ground that it tends to the closer and more complete organisation of the trades concerned and provides a bond of common interest between the manufacturers and the retailers. The above is a description as brief as possible of the extent and methods of price-maintenance combinations as they have been presented to us, and we believe it will be found to be a fairly comprehensive summary of the position as it at present exists. In this connection we should like to observe that we consider that, broadly speaking, the equitable basis of a fixed-price policy is that all retailers should receive an equal discount irrespective of the volume of their purchases, this principle, however, being subject to the modification that it is not unreasonable for manufacturers to give relatively better terms to those retailers whose larger volume of purchases tends to reduce the manufacturer's costs of production and distribution.

Our attention has also been drawn to the report of the Electric Lamps Sub-Committee, from which it would appear that there has been a competition in discounts leading to the retailers obtaining what may be considered unreasonable profits owing to competition between associated and non-associated firms to secure the retailers' interest. The circumstances in this case appear to us to be quite exceptional, but we think that the recommendations made in this report should be adequate to deal with such cases.

Looking at the matter from the position of the consumer—*i.e.*, the purchasing public—the crux of the whole position and upon which all further considerations appear to depend, is the price which the producer or original seller charges to the trader (whether wholesaler or retailer) to whom he directly sells. If this point can be dealt with in the manner indicated later in this report, it would appear that the fixing of selling prices and margins of profit as between subsequent sellers and finally to the consumer, cannot, in practice, be detrimental to the latter. The fixing of a fair margin of profit to the retailer is obviously beneficial to the latter, who, it must be remembered, represents a large and not unimportant element of the community. It also prevents unfair and ruinous competition, which, it is submitted, is not in the long run in the general interest. Further, while eliminating more competition in prices (as apart from competition in quality and services) among retailers, and thus preventing prices to the public in times of depression falling as low as they might otherwise do, it does, as already shown, tend to stabilise prices in times such as the present, where the demand exceeds the supply. It must be remembered that the manufacturer is extremely unlikely to allow to the wholesaler or retailer such a large margin of profit as will (1) tend to check the sale of his products or (2) deprive him of a proportion of the eventual profit which he might have retained for himself.

The evidence of retailers themselves is clear upon this point, their view being that the manufacturer is niggardly rather than otherwise in the margin of profit allowed. We incline to the view, however, that, on the whole, the margins of profits allowed are fair, and adequate to the services performed, but that on the grounds named above they are likely to be moderate rather than excessive. Provided, therefore, that the original price charged by the producer is a fair and reasonable one, the price eventually paid by the consumer will only be such as to provide a fair remuneration for such services as are performed by

those through whose medium the article is conveyed to him from the producer. Such services, if performed by the producer himself, would undoubtedly be in many cases more costly than if performed through the usual channels of trade, and would therefore have to be added to the original prices. The consumer therefore is not, we repeat, in our opinion, subject to the proviso named above, unfairly prejudiced by the system of fixed retail prices.

It has been represented to us that where a trader has purchased from a manufacturer certain articles at a price agreed between them it is an undue interference with the liberty of the trader to lay down any fixed price at which he is compelled to resell, and that on broad general grounds a trader having purchased such goods should have unrestricted liberty to dispose of them as he deems best in his own interest. We cannot on a close consideration of the subject concur in this view. In the first place, a manufacturer selling certain goods is, we conceive, entitled to say that they must be resold on certain terms, or not at all, on the grounds that he can foresee that if they are not sold on these terms the market for them may be altogether destroyed by the action of retailers competing among themselves and thus gradually causing some similar product to be substituted for that which he produces—*e.g.*, particular brands of tobacco or cigarettes or proprietary medicines in common use. A further consideration is that if unrestricted competition is permitted the factor or middleman is in a position to take advantage of the fluctuations of the market and to put in his own pocket profits which ought to go either (1) into the pocket of the manufacturer or retailer or (2)—which is more important—in reduction of the price at which the public can purchase. Thirdly, we believe it to be in the general interest that a fair living should be provided for the large and valuable class of the community who may be described as "shopkeepers," who, if unrestricted competition is allowed to run unchecked, may gradually and piecemeal come to be devoured by their more powerful competitors, who by dealing in a large range of goods are able successively to swallow those who rely for their living upon a single range of articles.

We regard it as an outstanding fact of the present condition of affairs where there is a difficulty in obtaining supplies of almost every commodity, and one which is not open to dispute, that those articles where some form of control exists either external (by action of the Government) or internal (by action of the traders concerned themselves) have been far less subject to undue and unnatural inflation of price than those which have been subject to little or no control except that of the natural law of supply and demand. Without entering into a detailed survey of this question, which would be quite outside our province, we may instance the case of textiles and woollen goods as against (say) tobacco or proprietary medicines. The reasons for this we need not enlarge upon, though they have to some extent been touched upon previously in this report, but the fact is, we think, self-evident, and could be illustrated by reference to many articles of common use.

Conclusions.

Our view, then, in regard to the general question, is that the system of fixing retail prices as between the four classes referred to above—viz., (1) The manufacturers, (2) the wholesaler, (3) the retailer, and (4) the public—is (subject to the general proviso stated hereafter) to the advantage of the latter in that (1) in times of scarcity it does in fact check the undue inflation of prices, (2) in times of plenty it tends to ensure to all classes, including labour, employed in manufacture and distribution a fair rate of remuneration for the services respectively performed by them, and (3) in all conditions tends to prevent speculative dealing by the middleman, who is prevented from taking undue advantage of violent market fluctuations and allocating to himself what properly belongs either (*a*) to the consumer, (*b*) to the trader or manufacturer. These remarks are, however, subject to the overriding consideration that it is necessary that the price charged by the original producer or manufacturer shall be a fair and reasonable one, and not one which yields him an unreasonable profit or allows him to exploit for his own advantage the various conditions of the market either in raw materials, labour, or other factors of production. The witnesses who appeared before us, however divergent their views were on other aspects of the question, were unanimous on this point—that provided the original price charged by the producer to the particular purchaser to whom he sells is fair and reasonable, the further steps in the transactions as between wholesalers, retailers, and the consumer may be fixed and controlled to the advantage rather than to the detriment of the latter. The final point, therefore, on which we have to express our view is as to what steps are practicable to ensure a "fair start" in the case of those articles for which a retail price is fixed. The methods suggested to us to this end are three—viz.:

1. That a department shall be set up whose duty it shall be to investigate at the source the actual cost of every article of general use and to lay down a price beyond which the producer may not sell. In our view this plan, though it would undoubtedly check profiteering in all its forms, would be far too cumbrous and costly to justify its adoption, even if it were practicable, apart from the fact that it would perpetuate and render an integral part of the national life the system of Government and bureaucratic control. It would also, we believe, hamper unduly the development of industry and initiative. It would require legislation of an intricate and comprehensive character going far beyond anything which it is believed would commend itself at present to public opinion. In short, we cannot recommend it as a practical solution of the problem.

2. A scheme has been suggested to us, which has, we believe, already been adopted in certain trades, and which in our opinion deserves further consideration, and might eventually, subject to any modifications which experience may prove necessary, lead to a practical solution. As, however, legislation which might be difficult to secure would be required to render its adoption effective, we cannot see our way to recommend it at the moment as a practical solution of the question on which we are asked to report. The method suggested may be summarised as follows:

> That every association (as defined in the report of the Committee on Trusts) which fixes retail selling prices should be required to obtain from its members, and at the end of each six-monthly period publish, or deposit with the Board of Trade, a statement showing (1) the average trading profit and the average net profit in relation to the turnover of the industry in so far as it is covered by such association; (2) the average ratio of turnover to capital; (3) the average wages earned per hour of skilled, semi-skilled, and unskilled labour. Such a statement would, it is suggested, enable the consumer to judge whether the price he was called upon to pay was reasonable in view of all the circumstances.

3. The third method is the one recommended in the report of the original Committee on Trusts, which provided in effect for the setting-up of a tribunal under the control of the Board of Trade or other Department having charge of commercial matters, which could investigate specific complaints of excessive charges on the part of monopolies, trusts, or combinations, and would be empowered to take or recommend such action thereon as they might consider advisable. We cannot at present suggest any procedure more likely to attain the object in view, viz., that in any trade where retail prices are fixed facilities should be afforded for ensuring that the price at which the goods controlled are originally put on the market by the producer are not unfair or excessive in view of all the circumstances.

Sierra Leone Palm-kernels Duty.—The export duty on palm kernels from Sierra Leone is to be increased by 5*s.* per ton on May 1, and will be further raised by 5*s.* each month until a duty of 3*l.* per ton has been reached.

Qualifying Examination Results.

HE following are the results of the Qualifying Examina-n of the Pharmaceutical Society of Great Britain held is month in London. There were altogether 351 candi-tes, of whom 282 entered for the whole examination, for Part II. and a referred subject in Part I., 26 for rt I. only, 24 for Part II. only, and 10 for a referred bject in Part II. Six candidates were absent. Of ose present 157 passed in Part I. and 98 in Part II.; passed in Part I. or a referred subject, and 27 in rt II. only, or a referred subject in this Part. Of the ndidates referred in one subject 8 were for botany, chemistry, 3 physics, 4 materia medica, 14 pharmacy, d 2 poison-law.

Part I.

The following have satisfied the examiners in Part I.:

ios, John, Rhyl
nis, H., Manchester
four, W. I., Streatham
nford, W., Norden
nes, Allan, Oswaldtwistle
tley, A. O., Nottingham
lton, Beryl, Stanford-le-ope
nsby, Howard, Wilmslow
dwell, Vincent, Blackley
ey, N. C., Liverpool
mbers, C. J., Kimberley
mbers, W. W., Kimberley
uzzi, Leonidio, Stepney
der, R. E., Hampstead
mbs, A. B., Bath
ies, E. E. S., Morriston
is, Ella C., Newbury
, Denis, Nottingham
son, Arthur, Blackburn
oor, Charles, Dover
ling, Mabel A., Halifax
er, J. S., Holmfirth
ser, F. H., Hove
n, L. H. A., Kimberley
nwood, H. G., Southport
ton, H. T. A., Daybrook
bb, H. W. N., Plumstead
is, F. M., Fulham
lock, Charles, Blackburn
ard, Lilian D., Wolver-hampton
h, F. H., Tunstall
hcliffe, George, Dukinfield
er, C. C., Sutton
son, Ronald, Forest Hill
, W. R. H., Birkenhead
ht, J. M., Birmingham
ck, C. Elsie, Wavertree
, Edith, Dunmow
Julius, Manchester
, A. S., Penygraig
, D. H., Rhyl
Lloyd, Ivor, Harlech
Lloyd, Lyndon, Llechryd
Lowe, K. May, Manchester
Luxton, B. T., Camelford
McMyn, James, Blackburn
Mason, Mary A., Derby
Mathieson, D. M., Leith
Monks, H. L., Swindon
Montgomery, Hugh, Dublin
Mure, J. S. A., Paisley
Nixon, J. W., Lincoln
Norman, K. V., Godalming
Plant, R. C., Newcastle
Pryce, E. C., Harmer Hill
Reynolds, F. C., Leighton Buzzard
Rich, David, Hanley
Roberts, R. G., Colwyn Bay
Robertson, W., Bournemouth
Rogers, C. A., Leamington Spa
Rowe, R. A., Bournemouth
Russell, Frank, East Southsea
Sands, Mabel H., Nottingham
Senior, Irene, Gillingham
Shannon, T. J., Chichester
Shawcross, H. L., Finchley
Spetch, J. H., Retford
Storey, Naomi P., Cark-in-Carkmel
Swaffield, W. C., Brockley
Taylor, A. J., Southgate
Thomas, A. B., Forest Hill
Thomson, Sophia, Hoylake
Todd, G. B., Appledore
Trinick, J. S., Liverpool
Valsler, Frank, South Ealing
Wallace, William, Crofton Park
Wells, E. O., Walthamstow
White, Sidney, Nottingham
Whitty, W. E., Small Heath
Williams, J. D., Blaenau Festiniog
Williams, T. H., Prenton

Part II.

The following having satisfied the examiners in Part II been registered as chemists and druggists:

lman, Mitchell, White-chapel
, W. A., Sparkbrook
, E. C., Congleton
rtt, J. H., Rock Ferry
gton, W. J. N., Sedgley
a, S. G., Bath
on, Frank, Edgley
rt, Ronald, Oldham
r, R. R., Clapham
Edward, Wigan
B. F., Earby
s, Elsie M., Poplar
Last, H., Barrow-in-Furness
Leonard, J. J., Maryport
Noott, S. A., Birmingham
Oakes, V. P. A., Walsall
Rees, Idwal, Clapham
Rigby, J. B., Skelmersdale
Ryley, A. E., Hull
Savage, H. N., Bolton
Shaw, Mark, Burslem
Thompson, Edith B., Leeds
Williams, R. H., Bristol
York, A. C. H., Wolverhampton

Parts I. and II.

The following having satisfied the examiners in Parts I. . have been registered as chemists and druggists:

dson, H. G., Penrith
ucth, Harold, Acock's Green
ndrs, J. H., Liverpool
hn, T. E., Old Hill
shwth, Wilfred, Blackpool
lan, A. C., Great Malvern
ane, Frank, Chorley
ake, G. R., Portsmouth
ern in, W., Newport, Mon.
rel A. L., Ketley
Birch, W. H., South Bank
Bird, Raymond, Buxton
Boyce, Jessie L., Merton Park
Brayshaw, Gladys, Gloucester
Brocklehurst, A. C., Anfield
Butt, L. A., Ilkeston
Charles, Glyn, Llanelly
Cheetham, C. L., Louth
Cook, Beatrice C., Hendon
Cook, Harold, Heckington
Cook, S. E., Abbey Wood
Corden, A. B., Pulborough
Couldwell, Ethel M., Sheffield
Crumpler, H. S., Wareham
Dalton, Reginald, Brightlingsea
Davies, D. S., Carmarthen
Davies, J. R., Penygraig
Dawson, Rowland, Burnley
Dean, Eleanor M., Desborough
Edwards, I. W., Wrexham
Emery, F. B., Bolton
Evans, J. T., Maida Hill
Fayers, Harold, Folkestone
Firth, Lucy N., Clayton
Fisher, B. J., Norbury
Flecknell, E. W., Bolsover
Flint, J. P., Ilfracombe
Fry, Charles, Portsmouth
Fuller, C. P. E., Lowestoft
Fulton, S. F. F., Hastings
Harvey, W. G., Swindon
Hudson-Jones, S. J. H., Denbigh
Hutchinson, J., South Shields
Irving, S. R., Newcastle-on-Tyne
Jarman, S. W., Irthlingborough
Jones, E. J., Barnstaple
Jones, Owen, Chirk
Kamp, Hein, Clapham
Lees, W. D., Dundee
Levene, T. J., Dalston
McDowell, H., Leeds
McKenzie, Atkin, Bath
Maddocks, Edith S., Burton-on-Trent
Mason, J. H., Stocksfield-on-Tyne
Mason, R. J., Crewe
Million, W. L., Easington
Mussell, L. W., Bosoombe
Nowell, T. S., Huncoat
Owen, L. H., Rhyl
Parsons, Albert, Leeds
Partridge, W. J., Birmingham
Peel, F. L., Palmer's Green
Pendlebury, N. B., Bolton
Raley, R. A., W. Bridgford
Reeve, Winifred A., High Wycombe
Ridgway, Elizabeth, Clapham
Robb, F. C. C., Elgin
Roberts, E. D., Battersea
Robinson, T., Houghton-le-Spring
Rushworth, C. A., Guernsey
Saks, Louis, Clapham
Sallis, Thomas, Bonoath
Samuelson, Frances M., Newark-on-Trent
Sawbridge, H., Blackley
Sayer, Sidney, Beckenham
Simmons, M. M., Port Elizabeth
Singleton, H. E., Derby
Smith, F. W., Aberdare
Spiro, Isidore, Liverpool
Starfield, Florence, Edgbaston
Stokes, W. E., Derby
Summerhayes, T. E., Westminster
Sutton, R. S., Wolverhampton
Taylor, Frank, Blackburn
Thomas, Annie G., Nantgaredig
Thompson, A. W., North Finchley
Tonks, G. Irene, Normanton
Tothill, R. H., Cape Town
Tranmer, Edward, Smethwick
Tulk, H. R., Plumstead
Twydell, L. H., Leeds
Viggars, Doris, Stourbridge
Webster, Victor, Keyham
Weston, Mand, Horfield
Whitehouse, P. C., Felixstowe
Whittaker, W. E., West Bromwich
Willis, A. T., Droitwich
Winfield, W. K., Solihull
Wise, H. M., Hillbeach
Wych, T. A., Hastings
Yates, Gertrude M., Leeds

Poisonings.

Since our last report, the following cases of fatal poisoning have been notified:

In West London, Arthur Apple, electricians' assistant, died from taking lysol in mistake for medicine.

At Kettering the infant child of a shoe operative named Ramsey died from drinking glacial acetic acid, accidentally left within its reach.

A policeman named Foulds, stationed at Borough High Street, London, S.E., committed suicide, recently, by taking hydrocyanic acid while of unsound mind. It was stated at the inquest that the acid had been purchased from a chemist on the pretext of wanting to poison a large dog.

Business Changes.

Brunner, Mond & Co., Ltd., alkali manufacturers, Northwich, are removing their London offices on April 26 to 7 Cavendish Square, W. 1.

Mr. Bernard Singer, who was twenty years with Mr. L. Singer, has commenced business at 11 Upper Montagu Street, London, W. 1, as a dealer in essential oils and kindred products.

Mr. C. W. Martin, chemist and druggist, has purchased the business of Mr. G. E. Williams, chemist and druggist, Aldeburgh. The transfer was effected through the London office of Evans Sons Lescher & Webb, Ltd.

Boyd, Wilson & Co., drug merchants, St. Dunstan's Buildings, St. Dunstan's Hill, London, E.C. 3, intimate the death of Mr. Ian B. Wilson, which took place on April 1. The business will be carried on as heretofore under the management of Mr. James W. Simpson, M.P.S.

Mr. W. E. Howden, chemist and druggist, formerly manager for Boots, Ltd., at Dewsbury, has purchased the business of the late Mr. George Wilson, chemist and druggist, Coldstream. Mr. Howden served his apprenticeship to Mr. Arthur Appleton, chemist and druggist, Selby.

Medicine-stamp Duties.

Since the announcement in the *C. & D.* that negotiations were taking place with the Chancellor of the Exchequer in regard to an alteration of the value of medicines covered by the various stamps, there has been considerable interest in the proposals. There has, however, been no good result from the negotiations. On March 29 the Chancellor of the Exchequer received a deputation consisting of Messrs. J. A. Kenningham, F. J. Smith, and John Keall, and Sir William Glyn-Jones, representing the Proprietary Articles Trade Association. Messrs. P. F. Rowsell and Mallinson, from the Local Associations Executive of the Pharmaceutical Society; Mr. W. H. Woodward, representing Association of Manufacturers of British Proprietaries; and Messrs. Jeffrey Poole and F. Smith, representing Birmingham Pharmaceutical Association. The Chancellor promised to consider a revised scale of duties for introduction in the Budget on April 19, provided the following conditions could be complied with: (*a*) That no reduction of the yield to the Revenue would result. (*b*) That the concession would be accepted by all the interests concerned. It was arranged that representatives appointed by the deputation should confer with the Commissioners of Customs and Excise with a view of agreeing upon a scale.

On April 9 Mr. F. J. Smith, Mr. Rowsell, Mr. Keall, Mr. Woodward, and Sir William Glyn-Jones met the Commissioners. The Commissioners informed the deputation that the proposals submitted were unacceptable, and made alternative suggestions. After discussion, the following compromise was arrived at, which the Commissioners undertook to submit to the Chancellor:

Article to the value of	1*s.*	to bear a 3*d.*	stamp
,,	1*s.* 3*d.*	,, 4*d.*	,,
,,	1*s.* 7*d.*	,, 5*d.*	,,
,,	2*s.*	,, 6*d.*	,,
,,	3*s.*	,, 9*d.*	,,
,,	4*s.*	,, 1*s.*	,,

All other sizes as at present.

On April 15, at a meeting of the Council of the Proprietary Articles Trade Association, the scale was adversely criticised in respect of the amount to be carried by the 6*d.* stamp, but a resolution to accept the concession was carried *nem. con.* On April 16 the matter was discussed by the Association of Manufacturers of British Proprietaries, and the following resolution passed:

While welcoming the concessions made by the Chancellor, manufacturers are unable to accept the revised scale of stamp duties put forward on April 9; but if the Chancellor could include a duty of 7*d.* to carry articles valued at 2*s.* 1*d.* to 2*s.* 4*d.*, and a duty of 8*d.* to carry articles valued at 2*s.* 5*d.* to 2*s.* 8*d.*, the scale would then be generally accepted.

The story is best completed by publishing the following letters:

Sir William Glyn-Jones to the Board of Customs and Excise.

I write to confirm the unfortunate message which I arranged for my son to convey to you the moment the information was available yesterday afternoon, namely, that whilst the Council of the Proprietary Articles Trade Association, of which I am secretary, and which comprises representatives of manufacturers, wholesalers and retailers, acquiesced in the arrangement the deputation made with you, the Association of Manufacturers of British Proprietaries, with whom I have no connection, at a meeting on Friday passed a resolution asking for a modification of the scale arranged between the deputation and yourself in the direction of providing intermediate stages between the 6*d.* and 9*d.* stamp. Whilst, of course, the Proprietary Articles Trade Association would regard the scale as suggested by the Manufacturers' Association as being an improvement, they adhere to the arrangement which their representatives at the deputation made on their behalf. Should the Chancellor proceed with the scale agreed upon with you, the Association will respect their obligation in no way to oppose it or to attempt to secure amendments of it in Parliament. On my own behalf, on behalf of the Association which I represent, and of every member of the deputation who met you, I desire to express our sincere regret that, in giving you the assurance we did, we mistook the attitude of certain proprietors, and especially to apologise for the trouble given at so late an hour.

The Chancellor of the Exchequer's Secretary to Sir William Glyn-Jones.

The Chancellor is spending one or two days in the country preparatory to the introduction of the Budget, and in his absence I have to acknowledge receipt of your letter of the 17th inst. I was informed yesterday by the Chairman of the Board of Customs and Excise that the proposed revision of the scale of Patent Medicine Duties which had been provisionally agreed between you and the Board of Customs and Excise, and which the Chancellor had decided to propose in his Budget, was not entirely acceptable to every section of the trade, and that a request had been made for a modification of the scheme. I at once communicated this information to the Chancellor in the country, and he has asked me over the telephone to write and inform you that, in the circumstances, he much regrets that he cannot see his way to deal with this matter in the Budget. As you will remember, the arrangement made at the recent deputation was that the Chancellor would favourably consider the introduction of legislation to revise the scale of these duties, provided that the new scale would produce the same revenue as the existing scale, and would meet with the approval of all the interests concerned. It was, however, understood that if the proposals met with any opposition they should at once be dropped. As the scale which had been provisionally agreed to between yourself and the Board of Customs and Excise does not appear to meet with universal approval, and as it is too late at the present stage to examine sufficiently the modifications now suggested the Chancellor regrets that he has no alternative but to leave the matter alone as far as this Budget is concerned.

Chemical Society.

At the meeting of the Chemical Society, held at Burlington House on April 15, the President, Sir James Dobbie, F.R.S., in the chair, a paper by Mr. I. Masson and Mr. R. McCall on *The Viscosity of Nitrocellulose in Mixtures of Acetone and Water* was read. The paper dealt with we experiences in the manufacture of cordite, the first solvent for nitrocellulose used being a mixture of alcohol and ether. The question of the viscosity of the solution was important as an economic factor in the process of drying as a low viscosity was more advantageous. By means of diagrams the authors demonstrated the varying viscosity of solutions of alcohol and ether containing nitrocellulose and the results of their investigations when using acetone as a solvent. In the latter case it was found that the presence of water in the acetone employed reduced the viscosity of the solution; the same result was also obtained when the cotton used in manufacturing nitrocellulose was submitted to an exhaustive cleansing process.

The President announced that an extraordinary meeting of the Society would be held on April 29, at 5 P.M., to consider the proposed alterations in the by-laws. The next ordinary meeting will take place on May 6.

Ink-stains can be removed from brass or copper by pouring a few drops of fresh ink on the stain and rubbing with a piece of rag.

Ethylene is now taking the place of acetylene in cutting and welding operations, and is said to be much superior for aluminium welding.

The Federation of British Industries have compiled as a booklet a "Financial Review of 1919," which is intended as a reference table on all questions such as statistics of rates of exchange, fluctuations, prices of raw materials, monthly trade returns, etc.

Associations' Winter Session.

Aberdeen.—A special meeting of the Aberdeen Pharmaceutical Association was held on April 13, Mr. W. F. Hay (President) in the chair, who presented prizes and certificates to the successful students at the evening classes during the winter session. The following are the prizewinners:

Chemistry.—First year: (1) Alex. Douglas; (2) Miss E. M. Ewan.

Chemistry.—Second year: (1) R. S. Duncan; (2) G. G. Wilson and W. J. Cruickshank (equal).

Botany.—First year: (1) Alex. Douglas; (2) J. A. D. Hay.

Botany.—Second year: (1) G. G. Wilson; (2) W. A. Park.

Organic Chemistry, Vol. Analysis, and Pharmacy.—(1) Jean I. F. Booth; (2) Wm. Murison.

Mr. Murison thanked the Association for the practical interest the members had shown them, and for the prizes. The students afterwards held an enjoyable concert, under the chairmanship of Mr. Rattray. The Association then considered a proposal sent in by Mr. Spence, secretary of the Assistants' Union, for closing during the summer months at 7 P.M. Sympathy was expressed with the proposal, but it was felt, meantime, inadvisable to inaugurate the change.

Brighton.—A meeting of the Brighton and Hove Association of Pharmacy was held on April 14, at which a lecture was given by Dr. J. S. White on *Immunisation, and biological preparations in prophylaxis and the treatment of diseases.* A number of lantern slides was shown, the lantern being manipulated by Mr. R. R. E. Perkins. Several local doctors were present. Mr. Edgar Jones, who occupied the chair, announced that the first President of the South-Eastern Federation of Associations, formed that day, was Mr. Yates.

Ealing.—The monthly meeting of the Ealing Pharmacists' Association was held on April 15, the President (Mr. C. McKee) in the chair. Mr. Hugo Wolff addressed the meeting on *Bread and Butter,* which included an examination of the effect of competition from the co-operative societies and multiple stores. Mr. Wolff spoke also on the value of the title "M.P.S.," and touched on the financial position of the Pharmaceutical Society. Insurance dispensing and some of the problems that await the business of a chemist and druggist under reconstruction were next considered. At the close of his address Mr. Wolff answered questions.—A meeting of the Ealing Pharmacists' Association was held on April 20 to hear Dr. J. S. White deliver his lantern lecture on *The Nature and Uses of Biological Products.* Mr. E. Drayton was in the chair.

Eastbourne.—At a crowded meeting of the Eastbourne Pharmacists' Association held on April 15, Dr. J. Stanley White lectured on *Organo-Therapy and the Manufacture and Composition of Biological Products.* The President (Mr. H. C. Browne) occupied the chair.

Great Yarmouth.—The Great Yarmouth Pharmaceutical Association held the annual meeting on April 7, the President (Mr. P. R. Hill) in the chair. The following officers were elected: *President,* Mr. T. J. Woodcock; *Secretary and Treasurer,* Mr. F. E. Whitfield; *Auditor,* Mr. T. B. Male; *Committee,* Messrs. P. R. Hill, H. Palmer, and A. E. Richmond. The secretary was instructed to write Sir Arthur Fell, M.P., requesting his support to the proposed alteration in the medicine-stamp duty. Before taking action on tropical disease clinics, it was decided that further information on the matter was necessary.

London (N.).—The monthly meeting of the North London Pharmaceutical Association was held on April 13, the President (Mr. C. W. Andrew) in the chair. The secretary's report dealt with the question of late hours and the necessity for having "Urgent" marked on the prescriptions. It was decided to place the matter of an opening in the summer in the hands of the Social Committee, and consideration was given to the Pharmaceutical Council Election. The secretary reported that Mr. J. R. Keith and Mr. Fouracre were present, and they might be invited to speak about their policy if elected. *Mr. Keith* said it was not so much a necessity of federating now as the nature of the federation. True federation was his motto. The Industrial Council idea was a very valuable one, as it would let in some daylight from others who made their living in the drug trade and had not yet become incrusted by tradition. There was no doubt that this Council would lead to an *ad hoc* subscription federation and no substitutes. Referring to educational matters, he said he was a progressive, and in the development under the Fisher Education Act he hoped to see the Society take its rightful place with a scheme which was already thought out. On the "Pharmaceutical Journal" he was glad to note that some of his progressive friends had been putting their knowledge and experience at the Society's disposal. He believed that a certain portion of the members' subscriptions should be funded so as to provide for the lean years. He advocated a direct memorial to the pharmacists who had fallen in the war, to be erected at Bloomsbury Square. As regards the by-law, he had fought it on a matter of principle, he was still against it, and he would continue to fight against any watering of the standard of qualification by examination. Qualification by purchase as well as compromise for the sake of expediency should be resisted to the utmost. On the Proprietary Articles Trade Association he was a "face valuer," and had been in the fight from the beginning as a member of the P.A.T.A. Council. As one of the largest dispensers under the Insurance Act, he advocated greater equity in the payment for services rendered. He had always fought for better terms, and would continue to do so. He finally asked them to vote for Keith and to vote often. *Mr. Fouracre* also outlined his position as pharmacist at Westminster Hospital, and the point of view of the public services. Mr. Skinner was asked to define the position of the assistants who are standing, and a direct motion was passed that the Association should help them to get representation and to vote for Hines and Keith. The secretary was asked to send a notice round to members at the election. A special meeting of the North London Pharmaceutical Association was held on April 19 at the Central Library, Islington, Mr. C. W. Andrew in the chair, at which Dr. Stanley White (Parke, Davis & Co.) gave a lantern-lecture on *Biological Products and Hormone Therapy.* Several medical men were present.

London (S.W).—At the invitation of the South-west London Chemists' Association, Messrs. R. Fouracre, P. Sparks, A. R. Keith, J. Todd, and A. R. Melhuish, the London candidates for the Council of the Pharmaceutical Society, addressed a meeting held at the Progressive Pharmacy Club, Arundel Hotel, W.C., on April 21. Mr. J. Humphrey presided, and members of other London associations were present. *Mr. Keith* said it was essential to increase the number of progressive members of the Council. He urged the federation of employers, with a special subscription, for looking after the employers' interests in negotiating with the trade unions. He suggested that an industrial council should be formed for the whole of the drug trade. With regard to education and training, he declared that the Council should consider how Mr. Fisher's scheme would affect pharmacy. He was still against the by-law, on principle. It was the duty of all pharmacists to strengthen the hands of the stalwarts who dared to stand up for the integrity of the Society. Chemists, as a rule, are bad bookkeepers, and the Councils of the past had not excelled as financiers. At the present time the Society had a very large income, and some of the surplus cash should be funded against a rainy day. The Council should erect at 17 Bloomsbury Square a memorial to the pharmacists who fell in the war. He had been in every movement for many years for securing better prices, and would continue to work to secure that pharmacists obtained a good living. Better terms for Insurance Dispensing should be sought at once. *Mr. Melhuish,* a councillor, first dealt with the by-law, which he declared was not only expedient but absolutely necessary. The problem of the by-law was purely a business proposition to him. As a result of its operation they were now able to get a good hearing when dealing with governmental departments, and

he prophesied that under the new Health Bill pharmacy would take its rightful place. He declared that the Council would have been wiser if they had taken their fellow-pharmacists into their confidence earlier. So far as the legitimate demands of labour were concerned, he was in entire sympathy with them, but that sympathy must be tempered by the employers with a certain amount of organised discretion. They must be ready to negotiate with the representatives of the employés, and both sides should endeavour to find common ground. Unless the employés' demands were couched in the spirit of give-and-take, diluted labour would be perpetuated, to the detriment of the pharmacists. While he agreed that there was an opening for women in pharmacy, he doubted the advisability of their extensive employment in view of the number of qualified ex-service men available. The executive, however, was fully alive to all these problems. *Mr. Sparks* urged that there was no valid reason why a man who was not in business, or who was connected with a large business or multiple shops should be debarred from membership of the Council. Such a man might have expereince of conditions in both the West End and the East End. Touching upon the question of apprenticeship, he said that the best youth of the country should be encouraged to take up pharmacy. In the past the members had failed in this respect, and they would have to do better if men of the higher type were to be induced to enter the profession. Whatever section members of the Council were engaged in, they should give wise consideration to all problems affecting pharmacy. *Mr. Fouracre* said that, according to the secretary, although having the privilege of putting "M.P.S." after his name, he had no rights or protection because he did not keep open shop for the sale of poisons. Membership of the Society was voluntary, yet the Council wished to act as an employers' association. What authority would there be over proprietor pharmacists who were not members? The decision of the question might be that the Council had the power indicated, but it would mean the secession of 25 per cent. of members who were non-proprietors. On the other hand, the decision might be that the Society could not exercise such functions, in which case the members would be poorer by the amount of lawyers' fees. With regard to the by-law, he suggested that now the right to train men for the pharmaceutical examination in the dispensary of a well-equipped hospital had been taken away from the Society, while the Ministry of Health had power to train dispensers in any poky cupboard. Was that fair? The Society's interests would be better served by having another representative with a knowledge of institution work and method than if the Council had to go outside for information. *Mr. Todd*, alluding to the by-law, advocated the creation of machinery which should enable a referendum to be taken on any important question in the future. It was wrong to separate pharmacists. If the decision which the Society was seeking resulted in its favour it would mean that 4,000 men like himself would necessarily have to secede because they must go on the employés' side. The Council should be the expression of every man who was a member of it, no matter what his position might be. They had to learn the new way of working together, rather than fighting one another. The province of the Council was to look after the professional side of pharmacy. Industry was quite capable of looking after itself. With regard to bringing ex-service men into pharmacy, was it right to ask them to enter a business in which the men already employed were not yet receiving a living wage? The only reason he could see for these men being brought in was because it filled the coffers at Bloomsbury Square. Referring to the Profiteering Act, Mr. Todd asked, "Was ever mortal man more humbugged than chemists had been with that Act?" They imagined that they were not going to have the same thing under the Ministry of Health. But they would be put in the sieve, and if they were the right size, through they would go. In conclusion he advocated the gradual elimination from pharmacy of the uneducated element and greater attention to research. They wanted men on the Council with ideas, the courage of their convictions, and consistency of purpose. The claims of *Mr. L. S. Spence*, of Aberdeen, were voiced by Mr. Skinner, who said that the Scottish Federation was very anxious for a trade board. He felt justified in asking that the claim of Mr. Spence, who was a thorough pharmacist, should be considered. Questions and a discussion followed.

Macclesfield.—The Macclesfield and Congleton Pharmacists' Association held the annual meeting on April 14, and Messrs. Deakin and Scanlon were present as guests. The President (Mr. W. H. Watkinson) was unanimously re-elected for another year. Mr. S. Wild as Vice-President, and Mr. G. H. Langley as secretary were also re-elected. It was decided to forward 1*l.* 1*s.* to the Benevolent Fund of the Pharmaceutical Society. The Southport resolution was discussed, but found no supporters, but the Local Association's Executive Resolution was upheld. The Birmingham circular *re* Unremunerative Proprietary Articles was read, and it was decided to take action on the lines suggested. The secretary reported the receipt of a letter from Mr. J. R. Remer, Member of Parliament, promising his support to the proposed alteration in the incidence of the Stamp Duty. After hearing Mr. Deakin on the present situation as regards this matter, it was resolved to take no further action. A dinner followed, and the President gave the toast of the "Pharmaceutical Society," with which was coupled the name of Mr. Deakin. The Vice-President proposed the toast of the "Cheshire County Pharmacists' Association," coupling therewith the name of Mr. Scanlon, who gave an outline of the growth of the County Association.

Sheffield.—A general meeting of the Sheffield Pharmaceutical and Chemical Society was held recently at the Literary and Philosophical Rooms, Mr. E. Preston presiding. Dr. Small, who was to have lectured, was unable to attend, and an open meeting was held. It was decided to support Mr. Antcliffe in his candidature for the Pharmaceutical Council. After a long discussion it was decided to appeal to the multiple shop companies and store dealers to support the charging of face values for patent medicines, etc. It was also resolved that a deputation consisting of Messrs. E. Preston, J. A. Johnson, and J. T. Appleton, should wait upon Mr. Kenyon, the inspector under the Shop Hours Act, on the irregular working of the Act. Several members thought that some steps should be taken to put a stop to obnoxious trading by unqualified drug-store proprietors.

Southend-on-Sea.—On April 16 Dr. Stanley White gave his lecture on *Biological Products* before the members of the Southend Branch of the British Medical Association and the Southend Association of Pharmacists, also members of the dental profession, at Bartlett's Café, Hamlet Court Road. This was the first of a series of joint meetings of medical men and pharmacists. Dr. Cleveland Smith, in the chair, presided over a large attendance. Dr. White, in acknowledging the vote of thanks, regretted it was improbable that he would be able to give another lecture before September, and the secretary expressed his willingness to make arrangements for another lecture by Dr. Stanley White then. He hoped that the movement in the direction of mutual intercourse on the part of the medical and pharmaceutical professions, as indicated by this joint meeting, would increase and prosper. He assured the medical men present that pharmacists had drifted into commercial fields on account of economic necessity, and at heart sought to develop the professional side of the calling.

The Bargain Counter.—At a recent meeting of the Foleshill Guardians, a letter was received from a local doctor offering to purchase some drugs from them for which he suggested paying 1*l.* A member remarked that the drugs were probably worth more, and the chairman humorously suggested that the Guardians might go and value them. It was finally agreed to invite tenders from local chemists.

Council Candidates.

There are twenty-two candidates for the seven positions on the Council of the Pharmaceutical Society of Great Britain which will become vacant in May. Six of the candidates are members of the present Council who are seeking re-election. There are fifteen other candidates, some of them new men and others known to the drug-trade on account of work done in other departments of public pharmaceutical life. We have asked these new candidates to send us their views on current pharmaceutical politics, so that the electors can judge of their claims for support at the coming election.

Mr. Herbert Antcliffe.

Although Sheffield is the home of Mr. Herbert Antcliffe, he is cosmopolitan in the sense that he is known all over Great Britain from the interest he takes in pharmaceutical and poor-law matters. He was born at Eckington, Derbyshire, in 1868, and educated at Camm's Endowed School and by Dr. Jackson at the Royal Grammar School, Sheffield. He was apprenticed in the old business of Maleham & Sons, and passed the Minor in 1891. A year afterwards he was appointed as dispenser by the Sheffield Guardians, a position he still holds, enjoying in a remarkable degree the confidence of the Board. Mr. Antcliffe has filled the offices of President, secretary, and treasurer of the Sheffield Pharmaceutical and Chemical Society, one of the "great" provincial associations. He is secretary of the Pharmaceutical Committee, and generally seen at the British Pharmaceutical Conference, of which body he was local secretary in 1904. The Sheffield Society is vigorously supporting Mr. Antcliffe's candidature, and in the circular which is being sent to members of the Pharmaceutical Society reference is made to Mr. Antcliffe's services on the Interviewing Board for ex-service men seeking Government grants for the purpose of qualifying. The circular adds: "Mr. Antcliffe has firmly closed the door on porters and others who have thought that this is the time to enter pharmacy by a back-door method." The circular from which we quote adds, "By [voting for Mr. Antcliffe] you will be assured of the presence on the Council of a man who will oppose further grants of registration to unqualified men." From Mr. Antcliffe's election address we quote the following:

Mr. Herbert Antcliffe.

"I am strongly in favour of preserving pharmacy for the pharmacists, and I shall oppose "tooth and nail" any encroachment on our just rights from further by-laws, new Acts or Orders in Council (the latter may be a very real danger). It must never again be possible to barter away to outsiders our title and qualification, and the "by-law" dodge from henceforth, must be effectually and for ever closed.

"It will be my endeavour to obtain the further recognition of pharmacists by the new Ministry of Health, and also to insist on higher and adequate remuneration for the highly-skilled duties they will be called upon to perform. I am of opinion that an Inspector of Pharmacy should be included in the new appointments to be made by the Ministry of Health, so that all matters pharmaceutical could be dealt with by a qualified pharmacist instead of a medical man as at present.

"Our claim to the title "Chemist" has more than once been in jeopardy, and there are still those who question our right to the use of this title. I shall strenuously oppose any tampering with this, our legitimate birthright, at once so ancient and so valuable.

"My policy throughout is a constructive one. I am not out to wreck the Society, but to strengthen and build it up, for I am convinced that the Pharmaceutical Society with its organisation is capable of dealing effectively with any and every problem connected with pharmacy and the pharmacist.

Mr. Sydney Francis Body

carries on business at Westcliff-on-Sea and Southend-on-Sea. He was born in 1881 at Nebraska, U.S.A., of Cornish parents, came to England at five years of age, and was educated at the Corporation Grammar School, Plymouth. His apprenticeship was served with Mr. J. G. Netting, Ph.C., North Road, Plymouth, one of the founders and first President of the "Three Towns and District Chemists' Association." He was next assistant with Mr. John Oliver, Southsea (one of Messrs. Cruse's pharmacies), also Matthews & Co., Brighton. Studying at the Metropolitan College of Pharmacy he obtained the aggregate silver medal, and qualified in January 1904. Then he became assistant with Munro & Co., Regent Street, London, W.; F. Sarton, Paignton; and Allen & Hanburys, Ltd., Lombard Street, London, E.C. He commenced business on his own account at Westcliff-on-Sea in 1907, and has since opened the Broadway Pharmacy at Southend-on-Sea. Mr. Body passed the Spectacle-makers' Examination in 1910. He is a member of the Local Associations Executive Committee, is President of the Southend Association of Pharmacists, and chairman of the Pharmaceutical Committee. The following particulars are taken from Mr. Body's election circular:

Mr. Sydney Francis Body.

Education.—(If elected) I should advocate the maintenance of a high standard of education for pharmacists, consistent with the duties they are called upon to perform in connection with the medical services of the country. Such education should be directed toward raising the standard of pharmacy as a profession, and its ability to assume technical services which will enable it to rise to the front rank of the liberal professions. My proposals regarding education do not involve a higher examination standard. I am convinced that it is the education prior to examination that must be brought up to a higher level of efficiency.

Retail Pharmacy.—As a retail pharmacist controlling two modern pharmacies, I am under no illusions as to the possibilities of pharmacy, or the necessity for a practical outlook on the commercial side, and I am conscious of the dual interests which are, and must be in the future, associated with the practice of English retail pharmacy. I am in favour of improving the professional standing of pharmacists, but as a business man I feel that meanwhile we must meet present-day conditions and continue to conserve our business interests in every possible way. I shall, if elected, guard very jealously both the trading and professional interests of pharmacy.

Ministry of Health.—It is my intention, if elected, to see that the interests of pharmacy are promoted and conserved under the Ministry of Health, and I am sanguine that, given a satisfactory interpretation of pharmaceutical obligations as well as an application of the principles of education already referred to, pharmacists will occupy no mean position in the scheme of the new Ministry.

Policy.—My policy in contesting this election is essentially independent. I do not identify myself unreservedly with any section of pharmaceutical opinion, and should carry an open mind into the new office, if elected. I hold decided opinions with regard to the recent much-maligned by-law, which admits some Apothecaries' Hall dispensers to the Register without examination, and while expressing my heartiest sympathy with those gentlemen who resent the indignity and injustice of the by-law, I believe it is to the ultimate benefit of the Pharmaceutical Society and its future administration that this bitter draught should be swallowed, and on that account I also sympathise with those whose unpleasant duty it was on that occasion to adopt such an unpopular remedy. I am of opinion that there are so many really vital questions to be decided in the near

future that pharmacists should forget everything but the necessity of selecting men who have the necessary breadth of mind, experience, courage, enthusiasm, and leisure to adequately represent their interests. The Council needs men who are free to act in the best interests of pharmacy, and who are unconnected with any caucus or party.

National Health Insurance.—I believe my name has been sufficiently prominent in N.H.I. negotiations from the inception of the Act to justify my claim to be a persistent and determined advocate for improved and adequate remuneration for N.H.I. dispensing, and venture to think that such activities have in some degree at least already contributed towards the results now enjoyed by panel pharmacists, which I still believe to be only a step towards higher remuneration in the near future.

Organisation.—As long ago as 1916 I urged with the utmost emphasis the importance of reorganisation to the Pharmaceutical Society, and it was very largely in consequence of the energy exhibited on that occasion that I was co-opted a member of the Local Associations Executive Committee, from which body I initiated a movement which culminated in the formation, by the Pharmaceutical Society, of an Organisation Committee, of which I became a member, whereby territorial representation on the L.A.E. and the division of the country into six federated areas was accomplished. I support a separate trade organisation, should it be shown by the test case that the Society cannot adequately protect the trading interests of pharmacists.

Mr. Robert Fouracre,

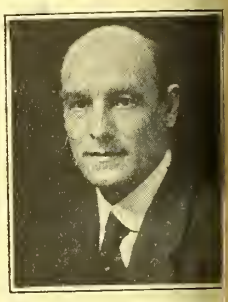
Chief Pharmacist at Westminster Hospital, was educated at Tollington Park College, now Tollington School, Muswell Hill, London, N., and apprenticed with Mr. R. H. Trickey, Eastbourne. Then took six months at the Metropolitan College of Pharmacy, but did not pass the Minor at that time, but, to obtain experience, went as assistant to Mr. Hoare, Bayswater, and Mr. Newton Wright, Ilford. The Minor was passed in 1903, after which he went as manager to a branch business of Mr. Hillman, Portobello Road, W., and during this time (1906) passed the General and Sight-testing examinations of the Spectacle-makers' Company, and became a Freeman of the City of London. Next he did *locum* work in London and various parts of the country for two years, with six months in the dispensing department of the Army and Navy Stores. Mr. Fouracre was then for nearly three years assistant pharmacist at the London Hospital, during which time he worked for and passed the Major. Then he obtained the position of pharmacist (single-handed) at the West End Hospital for Nervous Diseases in 1912, and last year that of Chief Pharmacist to the Westminster Hospital. He was one of the founders of the North London Pharmacists' Association, and for a short time was on the committee. He has been a member of the Council of the Society of Chemist Opticians for some years, and is at present a Vice-President. He has done a good deal of work on committees outside pharmacy, and is an elected member of the London Scout Council and Finchley Juvenile Organisations Committee.

Mr. Robert Fouracre.

Pharmaceutical Politics.—In regard to the problems of the drug-trade, about which we asked Mr. Fouracre for his views, he writes: It is somewhat difficult to be concise in pharmaceutical matters as they are at present, but I will endeavour to be as brief as possible. Having been asked to stand for election by a number of members, my claims are to represent their views on certain topics. It is considered that the friendly legal action taken against the Society will only weaken it. Should the action fail, it will mean that nearly 50 per cent. of the members will have no rights or protection, and probably will lead to secession. Should the action succeed, as is generally expected, the result will be unnecessary expenditure of the funds of the members. Even should a legal decision be given that the Society has power to exercise the functions of an employers' association, it would not be to their interest to do so, as that would tend to bring opposition between proprietor and non-proprietor members. Membership of the Society is voluntary, yet the Council wishes to act as an employers' association. How, therefore, could they exercise authority over those proprietor pharmacists who are not members? I hold that the status of pharmacy cannot be raised by lowering the standard of the Preliminary examination. The Ministry of Health have power to train dispensers for Insurance dispensing. In the interest of the nation I maintain that all dispensing should be in the hands, or under the direct supervision, of pharmacists. I am opposed to the precedent of registration without adequate examination. To put it concisely, my motto for this election is "The Pharmaceutical Society for pharmacists and consolidation of all interests."

Mr. Charles Davis,

a well-known Leamington pharmacist, was apprenticed at the age of fifteen, at Riverhead, Kent. He qualified in 1898, after having filled situations in Deal (with Mr. Johns) at Brighton (with Long & Sons, Hove) and in London (with Mr. Voogt, Fairfax Road, Swiss Cottage). Immediately after qualifying, Mr. Davis joined the business of Symes & Co., Ltd., Liverpool, and remained with them for eight years, relinquishing his position to take over the old-established business of his family in Leamington in 1906. Controlling three dispensing and retail pharmacies in a place like Leamington Spa, Mr. Davis is well acquainted with the professional and business needs of pharmacy, and sees the importance of an organisation to deal with National Health Insurance problems, all trade matters, and generally to represent master pharmacists. He is prepared to resist any further attempt to encroach on the rights of qualified pharmacists, and will continue to demand adequate remuneration for Insurance dispensing, and generally to strive so as to advance and improve the status of pharmacy. Mr. Davis has been separately nominated by the Staffordshire and Warwickshire County Associations, and by the Coventry, Leamington and Warwick, and Rugby local associations. Mr. Davis's public service for pharmacists includes filling the position of secretary for the Warwickshire Pharmaceutical Committee since the inception of the National Insurance Act. He is one of the founders of the Leamington and Warwick Pharmacists' Association and of the Warwickshire County Association, for which organisations he has acted as secretary since 1912. He was elected a member of the Local Associations Executive last year.



Mr. Charles Davis.

Mr. Thomas Hardy.

In business at Maryport. He passed the Preliminary examination in 1890, and was apprenticed with Mr William Spark, Maryport, for five years, and later was assistant to Mr. Herbert Bartlett, chemist and surgeon-dentist, Banbury. In 1898 he passed the Qualifying examination in Edinburgh, and in the same year purchased the business of Mr. R. W. Watson, Maryport, which he still conducts. He is a member of the Local Associations Executive, representing the North - Western Federation, secretary of the Maryport Pharmacists' Association, and a member of the Cumberland Pharmaceutical Committee. During the last twelve years he has been a member of the Maryport Urban Distri

Mr. Thomas Hardy.

Council, and has been chairman of the Gas, Water, and Health Committees, and in 1916-17 and 1919-20 chairman of the Council.

He is in favour of full recognition of pharmacists in the Army and Navy with the commissioned rank of captain. He advocates increased remuneration for National Health dispensing service, Territorial representation on the Council, a constructive policy with the Ministry of Health, in place of a defensive policy, and a publicity in which all members may have the fullest information of the matters which concern their interests. "Push, Progress, and Publicity is my policy," writes Mr. Hardy.

Mr Alexander Reid Keith

s in business at Poplar, London. He was born at Arbroath, his father being Provost Keith; educated at Arbroath High School and apprenticed with Mr. D. Haitly Burn, Arbroath. He next became an assistant in Edinburgh, and passed the Minor in 1877, after studying with Dr. Stevenson Macadam and Sir Bailey Balfour. He then came to London, and was an assistant with Savory & Moore, Chapel Street, Belgrave Square, during Charles Hunt's time, and with the late Michael Foster, Bishopsgate. Mr. Keith's father bought him a business at Laurencekirk, which, after a few years, he sold to Mr. James Laing, who still conducts it. Mr. Keith then ought the business at Hillhead, Glasgow, which he afterards disposed of to Mr. Robert Cappell. Returning to ondon, Mr. Keith opened a business at Upper Holloway, nd in 1904 purchased the business at 6 Chrisp Street, oplar, belonging to the late Mr. Snowden Kirk. The busiess was established nearly a century ago by Dr. Kernot, ther-in-law of Mr. Kirk. Mr. Keith has been a member the Retail Council of the Proprietary Articles Trade ssociation, and took a leading part in the face-values mpaign. He was a founder of the London County harmaceutical Association, of which he is one of the ost honoured members, on account of his reputation for rightness and for his love of truth. He is a member the London Pharmaceutical Committee, and has been r six years President of the East London Pharmacists' ssociation. During the war he joined the Pharmaceutical olunteer Corps, and is affectionately referred to by his mrades as the "Corporal."

Alexander Reid Keith.

The following are the chief points in the policy to rry out which he seeks election:

Progressive not only in name but in reality. For his rvices alone as chairman of the By-law Protest Comttee—which did such excellent work in expressing the eling of the drug-trade in connection with the "great trayal"—he deserves to be returned at the top of the ll.

Federation.—He believes in a proper organisation of e trade, which should be independent, and not merely branch of the Council of the Pharmaceutical Society. s view is that the drug-trade should have an Industrial uncil to include all the workers in pharmacy.

Education.—Facilities should be given for pharmacists o wish to carry their education further than the stage ecessary for passing the Minor. He would develop the ajor examination, so that those who pass it would be alified to undertake positions in which bacteriological rk and radiography could be carried out for medical n. In regard to Mr. Fisher's education scheme, which ll soon become operative, he is of opinion that the uncil should proceed forthwith to consider how the heme will affect pharmacy, and in what way it can be plied to the greatest advantage to help young men ering pharmacy. He thinks the Council should resume evening scientific meetings, and that post-graduate rses should be established, so that pharmacists could p up with the developments of science.

Other Matters.—The Pharmaceutical Society should make its membership the hall-mark of quality, and, with this in view, should not accept as members the unexamined men who are being admitted to the Register of Chemists and Druggists. He thinks also that the Council should erect a suitable memorial at Bloomsbury Square to commemorate the pharmacists and others connected with pharmacy who fell during the war.

Mr. Herbert Oliver Lloyd

A Birmingham man, who was apprenticed in 1899 to Magor, Ltd., and after studying at the London College of Pharmacy passed the Qualifying examination in January 1907. He then purchased the business of the late G. H. Brunt, Coventry Road, which he developed in connection with a wholesale department. The last-mentioned portion has been formed into a limited company under the title Lloyd, Hall & Provan, Ltd., with Mr. H. O. Lloyd as a director. He is also proprietor of the Holoyd Advertising Service for chemists. Mr. Lloyd is President of the Birmingham Pharmaceutical Association, a member of the Local Associations Executive Committee, and as a member of the Appointments Committee has assisted in the selection of a large number of pharmaceutical aspirants for Government grants. The Birmingham Pharmaceutical Association is assisting in the canvass for Mr. Lloyd's candidature, and a circular is being sent out, signed by fifty well-known pharmacists, asking for support from the members of the Pharmaceutical Society.

Mr. Herbert Oliver Lloyd.

In regard to Mr. Lloyd's views, the circular in question gives the following particulars:

In Educational Matters I take a keen interest; in Birmingham I have been largely instrumental in getting established the School of Pharmacy at the Municipal Technical School, where sixty ex-Service men are in training at the moment; also in the establishment of optical classes at the same school for the benefit of pharmacists desiring to study this subject. The Council of the Birmingham Pharmaceutical Association have also adopted my suggestions for the regulation and training of apprentices in Birmingham, by which means all apprentices in the city should be able to pass Part I. of the Minor during apprenticeship and qualify as soon as they reach the age of twenty-one. These advantages I should like to see obtainable by every apprentice in the country.

Major Examination.—The alteration of syllabus to make this examination of more practical use to the present-day pharmacist would have my support.

To Employé Members.—My work in connection with apprenticeship training and the time and interest I have devoted as the Pharmaceutical Society's representative for the West Midlands to the selection of men previously engaged in pharmacy as suitable for receiving Government grants and training for their Qualifying examination, should assure all employé members of the Society that I have their interests at heart. Under the Government training scheme, I have attended over fifty Interviewing Boards and interviewed approximately 400 pharmaceutical applicants during the last twelve months.

Trade Matters.—No one realises more than myself the extreme importance of trade matters to employer pharmacists, and the necessity for the complete organisation of employers for dealing with all matters affecting their trade interests; both as President of the Birmingham Association and as a member of the Local Associations Executive, I have taken part in dealing with many trade matters of importance to the craft. I am at present with my colleagues on the L.A.E. engaged in considering the question of the organisation of employer pharmacists, so that I am not in a position to discuss the matter fully, but can only say that any scheme which protects your trade interests fully, and at the same time maintains the ranks of pharmacy unbroken, will have my support. This question is likely to be the most important one before employer pharmacists in the near future, and it is imperative that the Council should consist of men who will not place obstacles in the way of any changes in organisation considered by the L.A.E. necessary.

Mr. John Todd.

A North-country man. Born at Cockermouth, and served his apprenticeship with Mr. T. W. Townley, Keswick. He qualified in 1902, and then became an assistant with Mr. Alfred Mander, Great Malvern. Next he was in business in his native town for ten years, and six years ago came to London.

Mr. John Todd.

He is best known by virtue of his association with assistants' organisation, and his endeavours to set on foot an Industrial Council for the drug-trade. He is an active member of the Amalgamated Society of Pharmacists, Drug and Chemical Workers and of the North London Pharmacists' Association. Mr. Todd seeks a seat on the Council so that he can give the assistants' point of view in matters that arise.

The Photographic Fair.

The photographic exhibition which opened at the Horticultural Hall, Westminster, London, S.W., on April 16, and closes on April 24, is a continuation of the pre-war Photographic Arts and Crafts Exhibition. During the six years which have elapsed since the last exhibition great progress has been made in all branches of photography, as an inspection of the exhibits will reveal. Many improvements in cameras, lenses, plates, and papers are, of course, the result of experience gained during the war. The exhibition of "One hundred examples of Professional Portraiture," arranged by the Professional Photographers' Association, is one of the best exhibitions of professional portraiture yet seen. Demonstrations of various processes are being given continually. Selections are played at intervals by an orchestra. There are forty-eight exhibits, including the following:

Burroughs Wellcome & Co., in addition to exhibiting their Tabloid and Soloid photographic chemicals, contrast the old-time photographic equipment with that of the compact tabloid equipment of to-day.

W. Butcher & Sons, Ltd., whose "Carbine" cameras have achieved such a reputation, have quite a distinctive stand on which they display their various types of cameras and accessories. A striking show-stand for displaying cameras has just been brought out by the company.

Criterion Plates, Papers, Films, Ltd., have recently introduced a new extra-hard bromide paper, particularly suitable for thin negatives and for commercial photographs. Obtainable in all grades, it combines the speed of bromide with the vigour of gaslight.

Houghtons, Ltd., are giving special prominence to the 1920 model "Ensignette," which is built of aluminium. Other box and roll film cameras manufactured by the company, together with "Ensign" films and all photographic requisites, are arranged to give a striking display.

T. Illingworth & Co., Ltd., are showing some aerial photographs taken during the war and printed on paper supplied by them to the Royal Air Force. This paper was baryta-coated in their own factories, and is quite equal to the pre-war imported article.

Johnson & Sons, Ltd., are one of the few companies who manufacture metol, and this will be found quite equal to any ever imported from Germany. The firm specialise in photographic chemicals, and a large selection is to be seen at their stand, as are also their packed preparations —including "Scaloids," mountant and packet-developers.

Johnson, Matthey & Co., Ltd., have a display of salts for which they are well known—gold chloride, silver nitrate, potassium chloro-platinite, and barium platinocyanide.

Kodak, Ltd., are showing a complete range of Kodak models and accessories. An electric projector enlarger, which has just been received from America, is on view. No orders can be taken for it at present, as neither supplies nor prices are to hand. The "kodak girl" advertisement can now be obtained in wood, or as a plaque to fix on a window. Kodak, Ltd. (Wratten Division), are displaying panchromatic plates, light-filters, and dark-room lamps.

Ross, Ltd., have a fine exhibit of their well-known lenses, including the "Xpres," and "Telecentric," with pictures made by each.

J. A. Sinclair & Co., Ltd., are exhibiting a new adjustable lens-hood and screen-holder, which can be used on a variety of lenses without special fitting. "Una" cameras, and material and appliances for the bromoil process are also displayed.

Thornton-Pickard Manufacturing Co., Ltd., are showing reflex and aviation cameras. Among the latter is the Mark III. "Hythe" Gun Camera, as used by the Royal Air Force to train pilots.

Wellington & Ward draw the attention of photographic chemists to their packet developers, which are prepared according to the Wellington "Universal" formula, and also to their photographic handbook, which is well arranged and more calculated to arouse interest in photography than the ordinary manufacturer's catalogue.

The White Band Manufacturing Co., Ltd., proprietors of "Monomet," a British metol developer and amidol, specialise in ready-made developers, either in powder or concentrated liquid form.

Among other firms exhibiting are: R. & J. Beck, Ltd.; J. H. Dallmeyer, Ltd.; Elliott & Sons, Ltd.; John J. Griffin & Sons, Ltd.; The Leto Photo Materials Co., Ltd.; J. Lizars; Marion & Co., Ltd.; Newman & Guardia, Ltd.; J. & R. Oldfield, Ltd.; The Paget Prize Plate Co., Ltd.; O. Sichel & Samuelson; and Sanger, Shepherd & Co., Ltd.

Annual Dinner.

The annual dinner of the Photographic Dealers' Association took place at the Holborn Restaurant, London, W.C., on April 19, the President, Mr. Wallace Heaton, in the chair. Professor F. J. Cheshire, C.B.E., director of optical engineering and applied optics at the Imperial College, was the chief guest of the evening. The toast of "The King" was proposed by the President, and that of "The Photographic Dealers' Association" by Mr. A. C. Brooks, editor of "The Photographic Dealer." "The British Optical Industry" was proposed by Mr. J. A. Sinclair, and responded to by Professor Cheshire, who explained how in 1915 he pointed out to the Minister of Munitions the importance of the optical industry, and that he himself was the man for looking after the industry's welfare—confessing that he was a Yorkshireman, and adding that they are world-famous for their modesty. (Laughter.) Continuing, Professor Cheshire gave a short history of the optical-glass industry, and, referring to the high status this country had attained in the manufacture of optical glass at the time of the Armistice, said that all Air Force experts were of the opinion that British lenses were superior to the German. In conclusion, he expressed a belief that inventions would be limited until a new glass was invented; and as there was, so far as he knew, no master-patent in force to-day, he urged manufacturers to push on with experiments. "The Visitors" was proposed by Mr. Oglesby, and replied to by Mr. E. Houghton, President of the British Photographic Manufacturers' Association, who emphasised the need for co-operation between manufacturer, wholesaler, and dealer, and by Mr. Mattison (Kodak, Ltd.).

A Galenical Quip.—"While making a tincture of an umbelliferous nervine sedative," writes a correspondent. "I was tempted to ask my apprentices, 'What would an American pharmacist call a good big ox?' The unanimous answer was, 'Sum-bul!'"

Chemical Workers' Wages.—It is announced that by a unanimous vote of the Industrial Council of the heavy chemical trade an advance of 6*s*. a week, *plus* 12½ per cent., is granted to chemical workers, half payable from April 1 and half from June 1. Gratuities in lieu of retrospective pay are to be made to labourers and shift-men.

Birth.

MacPhee.—At 31 Windsor Road, Palmer's Green, London, N. 13, on April 16, the wife of John MacPhee (representing Wigglesworth, Ltd.), of a son.

Marriage.

Taylor—Court.—At Ulverston Parish Church, on April 14. John Park Taylor, M.P.S., youngest son of P. S. Taylor, J.P., M.P.S., Barrow-in-Furness, to Elsie, eldest daughter of Mr. C. E. Court, O.B.E., Ulverston.

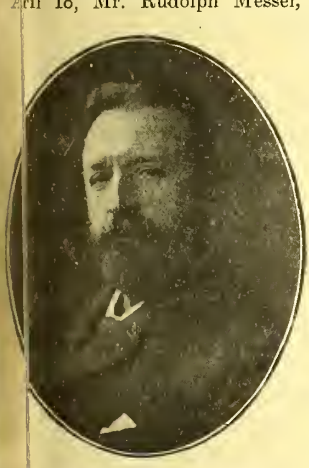
Deaths.

Hoffmann.—At Basle, on April 18, after a long and painful illness, Mr. Frederic Hoffmann, chairman of The Hoffmann-La Roche Chemical Works, Ltd., Basle, and 7 Idol Lane, London, E.C. 3.

Hutchinson.—At Northfield, Lowick, Northumberland, on February 28, Mr. John Hutchinson, chemist and druggist. Mr. Hutchinson passed the Modified examination in 1868.

Knowles.—At High Street, Rayleigh, on April 8, Mr. Richard Knowles, chemist and druggist, aged eighty.

Messel.—At 147 Victoria Street, London, S.W. 1, on April 18, Mr. Rudolph Messel, F.R.S., F.C.S., Ph.D., formerly managing director of Spencer Chapman & Messel, Ltd., manufacturing chemists, 36 Mark Lane, E.C. 3, aged seventy-two. Dr. Messel, whose father was a banker, was born at Darmstadt. He studied science at Zürich, Heidelberg, and Tübingen, graduating at the last-named university with a thesis on the methyl derivatives of strychnine. This was one of the earliest researches on the modification of the physiological action of this alkaloid by change in its chemical constitution. After graduating, Dr. Messel came to this country in 1870 as assistant to Professor (afterwards Sir Henry) Roscoe at Owens College, Manchester. A few years later he became research assistant to the late Dr. Squire, then a partner in the business of Dunn & Squire. There he came into direct contact with the production of pharmaceutical chemicals, including scale preparations. He perfected a process now generally employed for the manufacture of phosphoric acid; but perhaps the most important work that he did was the contact process for the production of sulphuric acid, which he perfected and carried into practical working long before Winkler's process was known. The partnership of Dunn & Squire was eventually dissolved, Dr. Squire continuing the manufacture of mineral acids and other heavy inorganic chemicals; and in due course Dr. Messel, together with Messrs. Spencer & Chapman, acquired this business, and as Spencer Chapman & Messel, Ltd., it has attained a position in the front rank of manufacturers of heavy chemicals. Dr. Messel was managing director of the company for some years; he retired, on account of illness, in 1916. Five years previously he was elected President of the Society of Chemical Industry; he was also at one time the foreign secretary of that body, and a Vice-President of the Chemical Society. He was the author of numerous monographs, mainly on subjects connected with industrial chemistry, and was held in high esteem as an original worker in the field of research. He was unmarried. The funeral took place at Kensal Green Cemetery, W., on April 1, when a distinguished congregation assembled to pay the last tribute. Among those present were Sir William Pearce, M.P.; Mr. D. Lloyd Howard, and Mr. Geoffrey Howard (Howards & Sons, Ltd.); and representatives of Thomas Tyrer & Co., Ltd., and of other prominent chemical houses.



Dr. Rudolph Messel, F.R.S.

Scampton.—At 123 Holdenhurst Road, Bournemouth, on April 12, Biss, the dearly loved wife of Mr. James H. Scampton, chemist and druggist, aged forty-eight.

Sleigh.—Recently, the wife of Mr. John L. Sleigh, chemist and druggist, Elgin, aged thirty-eight.

Wrack.—On April 16, Mr. Frederick George Wrack, chemist and druggist. Mr. Wrack, who qualified in 1874, had been at the Keighley branch of Taylors' Drug Co., Ltd., for over twenty-five years.

Personalities.

Mr. Thomas Matthews, chemist and druggist, Galen Lodge, Ross, has again been returned at the head of the poll as a member of the Ross Urban District Council, and has been elected vice-chairman of the Council.

Miss Violet Baverstock, who has completed twenty-one years' service at the Wellcome Physiological Research Laboratories, Herne Hill, London, S.E., has received a gold watch to commemorate the event. The presentation was made on behalf of Mr. Henry S. Wellcome.

The brief mention made in our issue of April 3 (p. 79) of the conferring of the O.B.E. on Mr. Harold B. Stevens, F.I.C., Ph.C., deserves amplification. Mr. Stevens was general manager, under Mr. E. W. Lucas and Mr. J. Stuart Hills, of the group of anti-gas factories controlled by John Bell, Hills & Lucas, Ltd., Oxford Works, London, S.E. 1, during the war, and had between four and five thousand employés under his charge. The double flannelette helmet with glass eye-pieces and breathing-tube, of which nearly 25,000,000 were turned out, was entirely devised by the staff. Including the earlier forms of respirators, and over 8,500,000 box-respirators, the output of respirators was more than 40,000,000.

We regret to learn that Mr. E. Johnson, chairman of Bourne, Johnson & Co., Ltd., druggists' sundriesmen, 34 and 35 Furnival Street, London, E.C. 4, has been laid aside for three months with a severe illness. Many of our readers will remember that Mr. Johnson contributed some exceptionally interesting reminiscences to The Chemist and Druggist on the occasion of its jubilee (*C. & D.*, II., 1909, p. 162)—reminiscences treating particularly of the parts of Kent that he covered as his ground during fifty years, and has now handed over to one of his sons. Mr. Johnson, who has completed his eighty-first year, reminds us that he joined his business sixty-six years ago, when there were but three other sundry-houses in London—Morgans, Maws, and Mathers. His activity may be gauged by the fact that he has been superintendent of one Sunday-school for over fifty years, and has been an office-bearer at Spurgeon's Tabernacle for twenty years. We are glad to be assured that Mr. Johnson is slowly recovering and hopes eventually to resume his work.

Mr. E. Johnson.

Chemists' Dental Society.

A special meeting of the Chemists' Dental Society of Great Britain and Ireland was held at the Chemists' Exhibition, Northampton Institute, London, E.C., on April 14. In the absence of the President through illness, the Vice-President (Mr. J. Hearle) took the chair, supported by the following councillors: Messrs. R. Grantham (York), E. Brownbill (Leeds), J. Y. Fairweather (Sydenham), S. Davies (Chesham), C. Rayner (Uxbridge), F. Sutcliffe (Buxton), T. Malins (Cardiff), J. W. Roberts, treasurer (London), and Benson Harries, general secretary (Newport, Mon.). Several members from the provinces were present. The prospective dental legislation as affecting dental chemists was discussed, and it was decided to exhort every dental chemist to get in touch at once with his Parliamentary representative, as the C.D.S. is definitely committed to oppose the objectionable clause 206. The secretary read important letters bearing upon the subject. It was carried unanimously that in future C.D.S. members should support candidates for the Pharmaceutical Council and Local Associations Executive who are prepared to press forward the claims of the C.D.S. It was decided to recommend to the annual meeting that a local branch of the Society be formed in Scotland, and that its hon. secretary should act in conjunction with the general secretary. Mr. Payne, secretary of the Midland School of Dental Technology, Birmingham, afterwards expounded his educational scheme. This was very favourably received. Mr. Payne, as the editor of "The Dental Surgeon," also gave an interesting summary of dental politics. A notice of motion was passed that, after this year, membership to the C.D.S. shall be by examination in dental subjects.

Society of Public Analysts.

The Society of Public Analysts held a meeting on April 14, Mr. Alfred Smetham (President) in the chair. A paper on *The Turbidity Temperature of Fats, Oils, and Fatty Acids* (Part I.) was read by Mr. A. E. Parkes. The author systematically studied and worked out the influence on the turbidity temperature caused by traces of water and free fatty acids. He used as reagents, acetic acids and alcohol side by side for comparison, and reference was made to the previous work of Fryer and Weston, and Parkes. The paper was illustrated by lantern slides. The next paper was on *Interpretation of Milk Records*, by Mr. G. W. Monier-Williams, Ph.D. The author gave a detailed analysis of a series of milk records obtained in 1915 from a certain farm. The fat content of the morning milk was remarkably low throughout. He discussed the possible causes of this, and compared the figures with those published by Richmond. He also discussed the use of frequency curves in connection with milk records, and gave diagrams showing the effect of (1) fat percentage, (2) milk yield, on the form of the curves. A paper on *The Loss of Free Ammonia from Drinking-water Samples* was read by Messrs. A. F. Joseph and G. A. Freak. The authors showed that in the tropics the proportions of free ammonia in samples of drinking-water may rapidly diminish. The ammonia is oxidised to nitrates, but this loss may be prevented by acidifying the sample, by addition of toluene, or by keeping in ice, thus indicating that the change is caused by bacterial agency. Mr. Eric Sinkinson gave the concluding paper on *A Decanting and Filter-washing Machine*. The author described this machine, which has been constructed to wash precipitates with hot water, or other washing fluids, expeditiously, also a decanter to work in conjunction with the filter-washer for assisting the agricultural analyst. He described the method of construction and working in detail, along with a device for automatically arresting the mechanism when a precipitate has been completely washed.

Trade Notes.

Tinkler's Dog Mixture.—The retail price of t 2*s.* 6*d.* size has been advanced to 2*s.* 9*d.*, but the 1*s.* 6 size remains as before.

Eucalyptus Oils.—Gillard, Gordon, Ltd., Sydney, d tillers of eucalyptus oils, invite applications for quotatio of all grades of eucalyptus oil.

Odontase Dental Cream.—Allen & Hanbury's, Lt 37 Lombard Street, London, E.C. 3, invite applicatio for window-display terms for Odontase dental cream.

The British Drug Houses, Ltd., Graham Street, Ci Road, London, N. 1, notify an alteration in their te phone number, which is now Clerkenwell 1622 (six line

Pharmacia Brand.—Under this brand the chemic manufacturers of the Royal Pharmaceutical Co., Lt Amsterdam, are offered by the London agent, Mr. A. Henry, 19 St. Dunstan's Hill, E.C. 3.

Formaldehyde.—Victor Blagden & Co., chemical m chants, 4 Lloyd's Avenue, London, E.C. 3, have been a pointed sole selling agents for formaldehyde manuf tured by the Cleveland-Cliffs Iron Co., Cleveland, Oh

Poudre de Riz.—The Chemists' Manufacturing C Ltd., and Shirley Bros., 123-125 Newington Causew London, S.E. 1, call attention to Madam Var's "Fa skin" poudre de riz, which retails at 2*s.* 6*d.* a box. bonus offer is made with opening orders.

Citon Tablets.—The Imanex Agency, 30-32 Ludga Hill, London, E.C. 4, in an advertisement in this issu call attention to Citon Tablets, an aperient of Fren origin, which is being introduced into this country. T tablet is peppermint-flavoured and comes with great commendations from Continental medical authorities. advertising campaign is about to be started here.

Silvertown Products.—The India Rubber, Gut Percha, and Telegraph Works Co., Ltd., Silvertow London, E. 16, have issued a booklet containing a descr tion of their works and products. It is interesting read that the present company is the successor of a fi named Silver, which in 1852 established a waterproofi factory in the district which is now known as Silvertow Their works occupy an area of more than sevente acres. The booklet describes briefly how the varic products of the company are made, including submari cables.

W. B. Cartwright, Ltd., Rawdon, Leeds, send copies of their latest price-list and new illustrated ca logue, together with a souvenir booklet. These attractively produced, and the list and catalogue helpful to customers. The souvenir booklet is a char ing account of the business, its situation, and how a by whom the organisation is carried out. The illust tions show the directors and travellers and views of works and neighbourhood. Those who are desirous getting a good impression of the place in which Moorland brand specialities are produced should send the lists and booklet.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or hand suppliers of the undermentioned articles will be appreciat

M/194. "Nidi" deodorant (French preparation)
R/154. "Blondiere" bath salts
A/164. Essence d'Orient perfume
H/164. "Casserol" for the scalp
S/174. "Jockey" suspensory bandage
G/204. Curchmann solution
M/204. Ephigeen suppositories
M/204. "Krysolgan" (for injection in tuberculosis)
B/204. Lin. auricularis
B/204. Swiss Serum and V cine Institute, Be London agents
E/204. Cooper's "Nerve powders
C/214. Borneol. Supplies
B/204. "Cosmos" stropp machine
B/224. "John Bull" c tills
A/214. "Aspirmin"

Observations and Reflections.

By Xrayser II.

he London County Executive

has decided to support the hole of the retiring candidates, except Mr. Hines, and s thus done its best to ensure us a stricken field. here is, however, virtually no hope of a straight fight hile so many combatants are engaged, and if this chalnge is to be fairly met at least seven must retire. ondon, as in imperial politics and in municipal affairs, here too the most backward, not to say obstructive, mmunity in the country, and having thus thrown itself the way of progress we must ride over it. Because it ooses to be ill-governed we need not, and I sincerely pe that no candidate on the London list except Mr. ines will receive a single country vote. A counter-list six new men and Mr. Hines ought at once to be drawn and supported with all our might. I am sorry to see e "Script" so vague in its leader on the election. If is fought "on ideas for the betterment of pharmacy" e "Script" will be satisfied; if "dynamic or static rces prevail it only means that one or the other has iled." This is vague talk. Everybody is fighting on ideas—true or false—for the betterment of pharcy"; if the static forces prevail these ideas, if true, n never germinate, much less come to fruit. "Dynamic" ans active, potent, energetic, effective; "static" means e exact opposite; a static state is one that never ves; it is opposed to the vital. Its triumph now nly" means that all progress worthy of the name is the time being dead.

ur Own Leader

on the subject is admirable, but I venture add a postscript to it. You say "The acid test of all didates should be an unqualified expression of disement with the policy of the unjust by-law." Yes, l the acid test of their sincerity in this respect is their lingness to retire, if asked to do so, in furtherance of object they profess to have in view. This is the only y in which it can be attained, and the surest way for m of receiving support on any future occasion, should ir honourable ambition again bring them forward. is not for me or any individual to suggest who should re, but it would be easy for them to agree together on the appointment of a committee of three or four ding men with whom the decision should rest.

rnames

have long lost their personal signification; either ir meaning is forgotten or it no longer applies. This s not rob the study of surnames of their interest, but makes it inoffensive, and it is still possible to gather ething of family history from it. Place-names used as names, for instance, tell us where the family originally elt. Let us consider the names of the twenty-two didates for the Council, and see what they yield. liffe, Fullerton, Gilmour, Irvine, Keith, Ridyard, and bably Beswick, are names belonging to the northern f of our island, and most of them to Scotland; Fourae is another local name, almost certainly Northern ncastrian?). Melhuish looks like Millhouse, the source Mellers, Mellis (originally Mellus), etc., and these too , I fancy, commoner in the North than in the South. ysell is probably a form of Russell, which Mr. Weekley ives from Roscetyl, through Roskill, an Anglo-Saxon e formed from "horse." Of similar formation is rkes, an abbreviation of Sparrow-hawk, with the interliate form of Spar-hawk. Todd is another animal e; a tod is a fox in Northern dialect. Hines is from d, but it refers not to the animal so-called, but to a ant, either household or agricultural. Bilson explains lf; it belongs to the same class of names as Davis in various forms, short for Davids or Davidson, which ally denotes Jewish, Welsh, or Scottish extraction. yd is the Welsh equivalent of our Brown or Grey, names all, as are Hardy, Young, and probably Cuff; n old Cuff" is an old, not very respectful, term for an old man. Body, however, is a personal name derived from the Old German *Bodo*, short for one of many names in Bod-, or sometimes for Baldwin. Waring is another personal name. Norman in origin, which doubtless came over with the Conqueror; it was once very common, and occurs at least twice in "Piers Plowman"; its present form in France is *Guerin* (known to readers of Matthew Arnold). Spence is the only occupative name in the list; it is short for "dispence"; Fr. *despence*, a larder or storehouse.

The Trade Union

of "Master Pharmacists" is, it appears, to be hung up until the test case is decided, though if, as some Associations desire, it is then to be formed whatever the decision is, one does not see why we should wait till then. It is equally obscure to me why, as some Associations again desire, we should ask the Local Associations Executive to undertake its formation for us. In the old nursery tale the fire had to begin to burn the rope, the rope to hang the dog, the dog to bite the pig, and the pig to get over the stile, in order that the old woman might reach home in time for supper; but even my childish sense told me that this was only because otherwise there would have been no story. Why make so long a story of this very simple business of ours? I don't know which is the dog and which the stile in our case; probably there is something of the dog in the manger at least, and of what in steeplechasing is called an obstruction (answering to stile), in both the Council and the L.A.E., but that is a reason for ignoring rather than for employing them. Why do we not set about the business independently? But I am forgetting that in this "blessed plot of ground, this England" of ours, "freedom slowly broadens down from precedent to precedent." We dare not make a fresh start from any point; everything must proceed from and depend upon something else. So mote it be!

The Assistant Question

has many aspects, but the most puzzling of them all is why men capable of such sane views, and of expressing them so admirably, as your correspondents "Masaid," "Fairplay," etc., remain assistants so long. One fears that only some want of enterprise or courage, some defect of character in short, can account for it. They have courage enough in speech; they stand up to the redoubtable "Jay Mack" (by the way I often wish I were as cocksure of anything as "Jay Mack" is of everything) and give him as good as they get or a little better; why don't they put their bravery into action, "put it to the touch," and adventure into business for themselves? Money? When I was thirty-three I had not a penny beyond my current salary, and though I had been nearly ten years qualified, I had till then been weakly content to work for others. Marriage woke me up. It had taken me seven or eight years to save enough to furnish a small house: how long would it take me to save enough to buy a business, and how could I maintain a wife and family without one? A business offered, a friend did the rest, and I started on my own some 700*l.* in debt. Till it was paid off I worked harder and was worse off than ever; but it was paid off, and that much sooner than I had expected. I am not boasting; though I had no special luck, it is certain that I had no special ability, and there is little doubt that anybody else might have done as well, and many a great deal better. Why don't they try? The world is as wide as ever it was in my time, and the possibilities of the drug-trade are better.

The prohibition of imports of dyes into India, which was imposed last September, has been removed.

Synthetic Nitrogen Compounds.—According to "The Times," Brunner, Mond & Co., Ltd., and Explosive Trades, Ltd., have purchased a partially completed factory at Billingham-on-Tees, for the production of nitrogen compounds from the air. The factory, which belongs to the Ministry of Munitions, is estimated to be worth 1,000,000*l.*

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BUDGET, 1920.
Owing to the increase of 100 per cent. in the Duty on Wine, we have been compelled to advance the wholesale price of VIBRONA, as follows:—
Cases of one dozen ... ... 57/- net., carriage forward.
Cases of two dozen ... £5 14s. net., carriage paid.
Cases of three dozen ... £8 10s. net., carriage paid.
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Editorial Articles.

The Budget Statement.

The Chancellor of the Exchequer brought in his Budget on April 19, and, notwithstanding the mighty burden which it places on the nation, the only important criticism to which it has been subjected has been regarding the Excess Profits duty, which, however, the Chancellor announces he will stand or fall by. Relief is felt that somehow or other we are once more back at the pre-war condition of national finance in which the revenue overtopped the expenditure. Disappointment is generally expressed that the Excess Profits duty has not only not been repealed, but has actually been increased from 40 to 60 per cent. But in fairness to the Chancellor it ought to be kept in mind that the reduction of the tax last year from 80 to 40 per cent. had not the effect foretold of it, that it would lower prices to the consumer. A new tax is that of 1*s.* in the £ on the profits in excess of 500*l.* of all limited liability companies and co-operative societies. The recent increase in the consumption of spirits, beer, and tobacco made an increase in the duties probable, and that on spirits has accordingly gone up from 2*l.* 10*s.* to 3*l.* 12*s.* 6*d.* the proof gallon, the duty on beer has been increased from 3*l.* 10*s.* to 5*l.* the standard barrel, while the more expensive type of cigar has a special *ad valorem* additional tax laid on of 50 per cent. As regards the increased duty on spirits, chemists will naturally expect that provision will be made for a rebate of the duty in respect of spirits used in medical preparations or for scientific purposes, as in the case of the duties imposed by recent Finance Acts. Nothing was said on this point in the House of Commons, but a subscriber who put the question definitely to the Commissioners of Customs and Excise has received an assurance that the Finance Bill will contain a clause having for its object the continuance of the rebate system to the spirit used in medicinal preparations as provided in previous Finance Acts. Meetings of the wholesale trade have taken place this week with the object of adjusting prices to conform with the increased duty, and as a result it is anticipated that the price of tinctures, such as orange, lemon, etc., upon which no rebate is granted, will be increased by 5*s.* 6*d.* per lb., with others like essence of peppermint ranging down to 3*s.* per lb. Medicinal tinctures subject to rebate will remain unaltered, although a slight advance may be justified on the ground that the loss of interest involved in paying the higher rate of duty is now greater; against this may be placed the fact that the price of spirit from the distillers was reduced 6*d.* per proof gallon a fortnight ago, probably in competition with outsiders. All perfumery is now dearer to the extent of the duty, the advance on eau de Cologne being 5*s.* 6*d.* per lb. and to a less extent on bay rum. The duties on wines have also been increased to double the previous rates, together with a special additional duty on sparkling champagne. This was justified by the fact that the tax on wine according to alcoholic strength had not been altered since the year 1899. The standard rate of the income-tax has been continued at 6*s.* in the £, but the limit at which super-tax begins to be payable is reduced from 2,500*l.* to 2,000*l.* a year, and the rate of super-tax is increased to 6*s.* in the £ on incomes over 30,000*l.* At the same time relief is given at the other end of the social scale: the exemption limits have been raised to 135*l.* and 225*l.* respectively, and the abatement allowances to 150*l.* and 250*l.* in the case of unmarried and married taxpayers

This concession, taken in conjunction with the more beral scale of allowances for dependents, will have ne result of taking many working-class people out of he scope of the income-tax altogether, which is not oked upon with favour by purists in fiscal theory. It held that a consciousness of having to contribute to he State's burden by taxation is calculated to develop a nse of political responsibility in the person taxed. But may be said as regards this that the recent experience South Wales, when the miners replied to an attempt collect income-tax from them by threatening to go strike, hardly bears out the theory. Post Office arges have been increased all round. Letters are to be argeable with 2*d.* per 3 oz. instead of 1½*d.* per 4 oz. before, while telegrams are to cost 1*s.* as a minimum r twelve words, with 1*d.* for every additional word. A ecial charge of 6*d.* is made on any telegram handed on Sunday, and the rates of commission on money-ders and postal orders are increased all round. Higher lephone rates are also to be imposed. The postal creases do not come into operation until due notice s been given to the public. The increase from 1*d.* 2*d.* in the stamp duties on receipts and scrip certi-ates will come into force on the passing of the Finance ll. The spirit duty increase came into operation on ril 19, after the resolution was passed in the House Commons. Motor-cycles and vehicles used for trade rposes are to pay a tax proportioned to their weight; in e case of vehicles used as hackney carriages the charge ll depend on their seating capacity, while ordinary motors to pay 1*l.* per horse-power unit. These are only to ne into operation on January 1 next, and take the place the present duties and the motor-spirit duty. The dget also increases the stamp duties on the share ital of companies and on conveyances and on certain icies of insurance. It is to the credit of an other-e crushing fiscal scheme that it provides for obviating payment of double income-tax within the Empire, hough perhaps what will render it most palatable to average taxpayer is that after such an interval of reasing debt there is at last a prospect of a surplus he national balance-sheet.

The Rent Restriction Legislation.

explained in the *C. & D.*, April 19, 1919, p. 60, the visions of the Increase of Rent and Mortgage Interest ar Restrictions) Acts, in so far as they affected the ht of a landlord to raise the rent or to eject the tenant dwelling-house. During the past twelve months the tion has remained unchanged, save as regards the ts of a landlord to obtain possession of his premises, ch rights were to some extent altered by the Increase Rent, etc. (Amendment), Act, 1919, passed in Decem-last. That Act repealed the sections of the three ier Acts relating to orders for possession and eject-t, and substituted therefor provisions, differing but atly from the earlier ones, which are to remain in e until July 1 next. Briefly, the effect of the Act o debar a landlord from recovering possession of a lling-house to which the Acts apply so long as the nt continues to pay his rent and to perform the con-ns of his tenancy; discretionary power is, however, n to the Court to order a tenant to vacate the pre-s in any of the following cases: (*a*) If the tenant committed "waste" or has been guilty of conduct h is a nuisance or an annoyance to adjoining or neighbouring occupiers; (*b*) if the tenant, by sub-letting, or by taking in lodgers, is making a profit which, having regard to the rent paid by him, is unreasonable; or (*c*) if the premises are reasonably required by the landlord for the occupation of himself or some person in his employ or in the employ of some tenant from him. In the last case, however, the Court is directed to consider especially the alternative accommodation available for the tenant before sanctioning his dispossession. The vital importance of the matter of rent limitation and security of tenure led the Government in February of the present year to appoint a Committee "to consider the operation of the Rent Restriction Acts, and to advise what steps should be taken to extend, continue, or amend these Acts." After meeting on seventeen occasions and hearing the evidence of thirty persons the Committee has now issued its report, which, it is understood, will form the foundation of the forthcoming Bill amending the existing restrictions. It is not surprising to find that the Committee is in favour of extending the principle of the Increase of Rent Acts for a further period of three years, throughout which the present emergency is, it is thought, certain to continue. Numerous important modifications of the present Acts are, however, suggested by the Committee, and these are dealt with briefly below. It will be remembered that the Act of 1915 applies only to a dwelling-house the standard rent *or* the rateable value of which does not exceed 35*l.* in London, 30*l.* in Scotland, and 26*l.* elsewhere, while under the first Act of 1919 the restrictions were extended to a dwelling-house falling above this limit of which *neither* the standard rent *nor* the rateable value exceeds 70*l.*, 60*l.*, and 52*l.* respectively. The Committee recommends that still larger premises should now be brought within the scope of the Acts, and suggests that the original limit should be trebled, with the result that the protection provided will extend to any dwelling-house of which *either* the standard rent *or* the rateable value does not exceed 105*l.* in London, 90*l.* in Scotland, and 78*l.* elsewhere. The desirability of this extension is manifest. Recognising that sanction to some further increase in rents is called for, mainly to meet the higher cost of repairs, the Committee proposes that landlords should be entitled to increase the rent at which a house was let in 1914 immediately by 30 per cent., and by a further 10 per cent. at the end of twelve months, making a total advance of 40 per cent. This increase is, however, to be inclusive of any increase made under the Act of 1919, which permitted a 10 per cent. advance, and is also to be conditional upon the landlord executing necessary repairs. The expression "necessary repairs" is a somewhat vague one; it is evident, however, that the Committee had in its mind not repairs of a decorative nature, but such repairs as a sanitary authority would certify as being essential to render the premises fit for occupation. Machinery for ensuring that the increase of rent shall be dependent upon the prompt execution of repairs of this nature is suggested, while special concessions are recommended in favour of poor tenants whose incomes have not increased appreciably since 1914. It is also thought that, in the case of the larger houses which the Committee suggests should be brought within the operation of the Acts, the whole of the permitted increase of rent should take place at once instead of in two stages. Very important qualifications of the present rights of a landlord to obtain possession of a house are recommended by the Committee. As stated above, the Court is at present required to take into consideration the alternative accommodation available

for a tenant before making an order for his removal. Considerable divergence of opinion has naturally existed regarding the exact definition of "alternative accommodation," with the result that tenants have been ejected in some districts with considerably greater freedom than in others. The importance of a more exact definition of "alternative accommodation" was fortunately grasped by the Committee, which considers that the Court should not have the power to eject a tenant upon the ground only that the house is required by the landlord for occupation unless alternative accommodation, equally good and suitable in all respects, including rent, is available for the tenant. Further, if the premises, in addition to dwelling-rooms, comprise shop, office or other special accommodation, the same advantages should be present in the case of the premises offered as an alternative. On the other hand, the Committee considers that the Court should have an unfettered discretion to make an order for possession, notwithstanding the non-existence of equivalent or even any alternative accommodation, in any of the following cases: (*a*) Where the tenant was in the employment of the landlord, and the house was let to him in consequence of that employment, and he has ceased to be in that employment; (*b*) where the owner only gave up the occupation of the house in consequence of his joining the Forces during the war, and now that he is demobilised wishes to reoccupy it; and (*c*) where the landlord owned the premises before September 30, 1917, and where, in the opinion of the Court, greater hardship would be occasioned by refusing an order for possession than by granting it, and the circumstances are such as to give the landlord a special claim to consideration. Certain other amendments of the present provisions affecting recovery of possession of premises are also proposed. It is considered that the Court should have power to grant relief from dipossession, in a proper case, to a tenant whose rent is in arrear, or who has broken the conditions of his tenancy, and has thereby forfeited his right to claim the protection of the Acts as they now stand. Conversely, it is suggested that the provision enabling a landlord to recover possession of premises occupied by an undesirable tenant should be widened. Again, it is proposed that the right to an order for possession should be extended to the case where a landlord requires the premises for the purposes of his business, or for the occupation of members of his family residing or intending to reside with him; and also, if the Court thinks fit, to the case where the tenant has given notice to quit, with the result that the landlord has entered into contractual obligations with a third person, or otherwise altered his position. The report contains, in addition to those mentioned above, several recommendations of a more or less subsidiary nature. For example, it is suggested that profiteering in furnished apartments and the imposition by landlords of fines or premiums, commonly called "key money," should be made offences and subject to penalties. It should also, in the Committee's opinion, be made clear that an order for possession against a tenant is not effective against a sub-tenant of unfurnished rooms; while a landlord should be permitted to accept rent for a limited time after a notice to quit has expired without prejudicing his claim to an order for possession. Further, a modification of the present right to increase rent in order to cover an increase in the rates may result from the suggestion that the additional rent should be recoverable after a week's, instead of a month's, notice to the tenant. Property owners and their tenants will not be kept long in suspense regarding their respective rights and responsibilities du ing the next few years, since the Government has pr mised early legislation upon the subject. To wha extent the Committee's recommendations will be adopte remains to be seen; but having regard to their moder tion and justice it is to be expected that they will b accepted with very little qualification. It will be de plored in many quarters that the Committee does n consider that the extension of the Rent Restri tion Acts to business premises would be an appr priate method of dealing with the grievances of whic the tenants of such premises complain. On the othe hand, the Committee was fully alive to the necessity taking steps to check profiteering in business premise and freely acknowledged the legitimacy of the grievanc of tenants who, without good and sufficient cause, a dispossessed and deprived of the goodwill attaching the premises where they carry on business. While makir no definite suggestions for grappling with this problen the Committee refers tentatively to the establishme of a tribunal of arbitration to adjust hardships of t nature in question. The matter is a serious and urge one, and the numerous questions upon the subject whi have recently been asked in the House of Commons su gest that the Government may be induced to legisla with regard to it in the near future.

A Quarter's Trade.

Further large increases in imports and exports are show in the March Board of Trade Returns. Last montl imports were valued at 176,647,515*l.*, against 105,752,97 in the corresponding month of last year, an increase 70,894,536*l.*; while British exports for the same mon amounted to 103,699,381*l.*, against 53,108,521*l.*, an increa of 50,590,860*l.* The greater part of the rise in impo fell under the heading of raw materials and artic mainly manufactured, which marked an advance 42,949,707*l.* The largest advance was one of 28,106,63 in raw cotton and cotton waste. Imports of food, drin and tobacco rose by 13,202,808*l.*, and among the larg increases in articles wholly or mainly manufactur we notice oils, fats, resins, etc., by 3,544,492*l.*, impo being valued at 8,267,180*l.* Among the manufactur articles we imported 1,616,033*l.* more of drugs, chemica and the like, the March imports reaching 2,899,93 Soda nitrate and other soda compounds were imported largely increased quantities, but at the same time t expansion was general throughout the list, another o standing item being our purchases of "unenumerat drugs"—389,569*l.* On the export side of the accou the 50½-million increase over the figures for March l year is made up of 41 millions in manufactured goo 6,448,542*l.* in raw materials, and 2,444,519*l.* in foodstu and kindred products. Chemicals, drugs, dyes, a colours were up by 1,196,320*l.* to 3,203,023*l.* compa with a year ago. The improvement applied to practica all the listed items, and it was in quantities as well values. Glancing at the trade of the quarter now co pleted, one is enabled to form a tolerably good idea the position to-day so far as regards comparison. T figures show that imports for the first three months the year were valued at 530½ millions sterling, agai 467 millions during the last quarter of 1919, while expo of British-made goods reached 295½ millions, agai 257 millions for the last quarter of 1919. Re-exports the quarter were 75 millions, against 66 millions for

ast three months of 1919. The chemical and drug figures re as follows :

	1913 £	1919 £	1920 £
Jan.-March ...	3,194,925	5,127,510	8,270,719

yes and tanning materials account for a large proportion f the increase, while of unenumerated drugs and fine hemicals we imported 1½ millions sterling, against 97,000*l.* in the corresponding quarter of 1919, and only 74,000*l.* in 1913. Undoubtedly inflated values play a rge part in the present-day imports of drugs and chemials compared with 1913, but as the items are not classied this cannot be shown. The quarter's returns of xports of British chemicals and drugs confirm the fact, confirmation is needed, that the trade has enjoyed a oom dating back well into 1919. The figures are as llows :

	1913 £	1919 £	1920 £
Jan.-March	5,216.570	6,428,700	9,200,723

e give some of the leading chemical items exported uring the first quarters of

		1913	1919	1920
Ammonia sulphate ...	tons	83,408	8,291	26,014
Acid tartaric	cwt.	5,045	2,103	5,589
Acid sulphuric ...	cwt.	32,634	3,643	16,780
Bleaching powder ...	cwt.	194,073	95,195	99,160
Coal-tar product ...	£	391,088	356,858	750,979
Copper sulphate ...	tons	34,165	11,813	11,124
Glycerin crude	cwt.	15,720	2,591	50,762
,, refined ...	cwt.	21,330	8,648	22,957
Potash compounds	£	69,675	29,122	203,861
Soda compounds ...	cwt.	1,619,207	1,628,076	2,115,563
Chemicals, all other sorts	£	649,402	1,299,929	1,906,309
Drugs & medicines ...	£	581,399	1,064,316	1,157,970
Dyes, etc.	cwt.	56,100	28,465	79,828
Painters' colours ...	cwt.	562,324	268,985	323,241

mpared with the corresponding quarter of last year, it ll be seen the gain is not far short of three millions rling, and, going back to 1913, the gain is almost four illions. Making due allowance for increased values we e, with the exception of a few items like painters' lours and potash compounds, having a much larger rnover than in 1913, and particularly does this apply to e medicine section, where, as compared with 1913, the in is the substantial one of 576,571*l.* for the quarter. though these are "record" breaking figures for this partment of the chemical trade, we do not suppose the gh-water mark has yet been reached.

The Trend of Prices.

he writing-down of stocks is a painful process at any ne, but after a lengthy period of inflated values a action is inevitable. Such reaction is now taking place Mincing Lane produce, and the past fortnight has tnessed a sharp fall in values of many items. Particuly is this the case with shellac, which, owing to an stable and demoralised market, is very difficult to deal at the moment. The fact has to be considered that ices of usual standard TN Orange quality have declined om 240*s.* to 260*s.* per cwt. in about a fortnight, and the ture is regarded as quite uncertain. Black pepper, other speculative product, has had a severe decline, rtly brought about by the increase in the Bank rate d restrictions on borrowing by bankers, leading to ced selling. Zanzibar cloves, of which there is the ge stock of 21,000 bales in London, are fully 4*d.* per lb. eaper in a fortnight, and pimento, of which there is heavy stock of about 45,000 bales, is selling at lower ces privately. Among Japanese products, the rapid decline in refined camphor slabs, touching at one period 8*s.* per lb., with a subsequent slight recovery, seems remarkable. This appears to have been brought about by much lower offers from Japan for forward shipment, the fact being that stocks in that country are evidently larger than they were given out to be, and it only shows that no reliance can be placed on Japanese statements. At the same time influential camphor interests in the United States have helped to bring about the collapse by the almost complete abstention of buying and the reduction in domestic refiners' prices. Holders who carry stocks for the purpose of supplying their customers are faced with heavy losses. Menthol, too, has shown distinct signs of crumbling, and since the beginning of April is about 9*s.* per lb. cheaper. Here, again, there is said to be secret stocks in Japan, and as orders have fallen off and consumers are buying from hand to mouth, there are sellers for forward shipment at much lower prices. The dementholised oil of mint has declined about 2*s.* 6*d.* per lb. in a fortnight, and is weak. The inflation in the oil is, however, not so great as in menthol. The same may be said of Chinese oil of star anise, another speculative product, which is 9*d.* to 1*s.* per lb. cheaper than at the beginning of the month. In this instance the anticipated demand from Germany, a large consumer in pre-war times, has not materialised, neither has France taken her usual normal quantities. It almost goes without saying that the present wave of depression is partly attributable to dearer money, but there is no need to be unduly pessimistic in regard to the future or take a "panicky" view of falling prices. It is apparent that the position just now is abnormal, and one that calls for hand-to-mouth buying only. Dear money will impose this necessity, as a 7 per cent. Bank rate means a charge of 8 per cent. on bank overdrafts and Mincing Lane accommodation, but whether dear money will help to deflate the inflated currency which the Government desire is another matter. The consensus of commercial opinion is decidedly against the higher Bank rate, and it is not calculated to help or strengthen our international trade. The Budget has, of course, added to the depression this week, the chief criticism being directed to the increase of the excess profits duty from 40 to 60 per cent., whereas it had been anticipated that the tax was to be abandoned in accordance with the Chancellor's promise a year ago.

Medical and Dental Registers.

The General Medical Council has just issued the Medical Register for the year 1920 (10*s.* 6*d.*, Constable & Co., Ltd.). The names of 44,522 persons are included—an increase of 596 on the number at the end of 1918 and of 728 on the average of the last five years. The number of registrations in the past year is 1,322. The names of 760 medical men have been removed during 1919 from the Register—235 fewer than in 1918 and 113 fewer than the last five years' average. Information regarding the various Acts of Parliament regulating the practice of medicine in this country and other matters precede the register of names. The Dentists Register for 1920, also issued by the General Medical Council (3*s.* 4*d.*, Constable & Co., Ltd.), contains 5,455 names—a decrease of 112 on the previous year's figures and the lowest number since 1916. The names added by registration since the last issue of the Register number 128—practically the same as in the two preceding years, but considerably below the average for 1914 to 1919 inclusive. The percentage of persons registered as being in *bona-fide* dental practice at the passing of the Dentists Act, 1878, is 18.89; last year it was 22.36.

Festivities.

Birmingham Chemists' Smoker.

The Birmingham Pharmaceutical Association held a smoking concert on April 15, at which an excellent musical programme was given. Mr. H. O. Lloyd (President) occupied the chair, and addressed the meeting on the forthcoming Pharmaceutical Society Council election. Mr. E. W. Mann afterwards spoke in favour of Mr. Lloyd's candidature.

Sheffield Students' Fancy-dress Ball.

A carnival and ball was held at the Imperial Rooms by the Sheffield Pharmaceutical Students' Association to celebrate the society's first anniversary. Musical items were rendered by Miss McDonald and Messrs. M. Winston and H. G. Smith. The judging committee consisted of Mr. and Mrs. Bown and Mr. and Mrs. Dawson. Over a dozen prizes were awarded. The second ladies' prize was won by Miss Antcliffe, as an "Egyptian lady," and the second gentleman's by Mr. Israel Best, depicting a "chemist's shop." The prizes were presented by the leading wholesale houses, and the proceeds are to go towards the students' library fund. The M.C.s were Miss Morris and Mr. Best.

Newcastle-on-Tyne Pharmacists Honoured.

At a social evening on April 14, in connection with Newcastle-on-Tyne Pharmacists' Association, held at the Drawing Room Café, Newcastle-on-Tyne, Mr. W. Kerse, treasurer for twenty-five years, and Mr. S. W. Bowness, secretary through the trying period of 1916-19, were presented with gold watches in appreciation of valued services. The presentations were made by Mr. T. Maltby Clague and Mr. T. H. Flemming. Mr. Kerse was for forty-five years manager of the late firm of J. Ismay & Son, City Road. Among those present were Dr. W. Fraser, Mr. F. Gilderdale (past President), Messrs. A. D. Hunter and Rufus Hepworth (joint secretaries). The latter acted as secretary of the presentation committee. A supper and "smoker" followed the presentation. Portraits of the recipients appeared in the "Illustrated Chronicle" of April 16.

Leicester Assistants Visit "Zenobia."

About seventy members of the Leicester and Leicestershire Pharmaceutical Assistants' Association, on April 8, availed themselves of an invitation from Councillor W. F. Charles (the Mayor of Loughborough) to visit the well-known Zenobia perfumery works, of which he is the founder. The visitors were conducted through in parties led by Councillor Charles, Mr. H. E. Huston, Mr. J. S. Hepworth, and Mr. W. Smith. Almost all the processes involved in the production of the finished perfumes are performed on the premises, and the visitors followed these through from the bottling of the scents, sealing and labelling, the making of the boxes and cartons, printing, gold stamping of the labels, painting and making up of scent sachets, etc. The whole party was then entertained to tea by Councillor Charles, who, after offering a hearty welcome to the Association, gave a highly interesting address on perfumery, how it used to be made, and the present developments of its manufacture.

Ucal Dinner.

The annual dinner of the Ucal Federation, London Branch, was held at the Connaught Rooms, Great Queen Street, W.C., on April 15. Mr. Dan Davies (President of the Branch) and Mrs. Davies held a reception prior to the dinner, and then a move was made to the handsome Crown Room. The President was supported by Dr. Edward Burnet, Dr. John Howell, Sir William Glyn-Jones, Mr. Arthur E. Young (President of Ucal), Mr. Harold Miller (managing director), the Rev. Leslie Church, and others. Presiding at the spur tables were Messrs. G. W. Evans (secretary and a director), J. Hearle, A. R. Keith, J. Thompson, and J. Widgery, the last-named of whom also acted as toastmaster. Among the general company, which numbered upwards of a hundred, we noticed Mr. F. Cherry, Mr. A. W. Hall, Mr. Langford Moore, Mr. L. Moreton Parry, Mr. H. R. Procter, and Mr. Hugo Wolff. Grace was said by Major E. L. Robinson, D.S.O., C.F., and the excellence of the dinner which followed showed that Ucalites know both where and how to dine. After the loyal toast, the musical programme, under the direction of Mr. Arthur C. Chapman, was begun, and maintained its lead over the speeches throughout the evening, the festive element in the proceedings being clearly in the ascendant. Distinct personal successes were scored, however, on the speech-making side, first—and perhaps most conspicuously—by Dr. John Howell (Cheltenham), who, in reply to the toast of "The Guest," proposed by Mr. G. W. Evans, made excellent fun of what he called his "two bars sinister"—the fact of being Welsh and the status of a medical man. The first appearance of the Welshman in history, said the doctor, was as a thief, and he afterwards became prominent in politics—another branch of the same business (Laughter.) As for being a doctor, the failings of the medical practitioner were best known to the chemist. (Laughter.) In the past, water-drinking had never been on the main line of treatment, but he was convinced that Ucal had a very good thing in Cheltenham Water. The toast of "The Pharmaceutical Society of Great Britain" (not originally in the programme) was proposed by Mr J. Gilbert Jackson, and responded to in an eloquent impromptu speech by Mr. L. Moreton Parry, member of the Council, who spoke of the possibilities of Ucal as a great business force and a great political force. He expressed a hope that Ucal would assist the Council in the near future, and urged that the Council was doing great reconstructive work. Sir William Glyn-Jones, in reply to a request for a speech, amused the gathering with a couple of stories from his apparently inexhaustible collection. The toast of "The United Chemists' Association, Ltd.," was proposed in a laudatory speech by Dr. Edward Burnet, who suggested that Ucal was mentioned in the Bible, but refrained from giving chapter and verse. (The clergy present kept silence.) Mr. Harold Miller, in reply had some interesting things to say concerning recent developments in the company's business. During the year three new factories had been built; strict analytical control of materials had been organised; and the company were now their own lozenge and tablet manufacturers and were about to instal plant for capsules. Mr. A. R. Keith gave the toast of "The Ladies and Visitors," and Dr. Burnhill, in a witty reply, chaffed the Ucalites about their super-tax, and claimed that it must be evident to the man in the street, and even to the baronet—(laughter)—that Ucal was advancing. The toast of the London Branch of the Federation was proposed by Mr. Arthur E. Young, President of Ucal, and responded to by Mr. Dan Davies. An "extra turn" by Mr. Gilbert Eacott, a well-known Ucalite, caused great amusement during the evening, and a topical song on Ucal, with a chorus for the audience, was a resounding success in more senses than one.

Deed of Arrangement.

Woolldridge, Thomas, 26 Lisle Street, Leicester Square, London, W.C., chemist and druggist. Trustee P. S. Booth, 31 Kimberley House, Holborn Viaduct, London, E.C., accountant. Dated April 14; filed April 16. Liabilities 552*l.*; estimated net assets 1,030*l.* Among the creditors are: Burgoyne, Burbidges & Co., Ltd., 7*l.*; A. & E. Carreras, 6*l.*; Catton Chemical Co., Ltd., 5*l.*; Duncan, Flockhart & Co., 42*l.*; Evans Sons Lescher & Webb, Ltd., 37*l.*; Ford, Shapland & Co., Ltd., 5*l.*; B. Hovenden & Sons, Ltd., 22*l.*; H. & T. Kirby & Co., Ltd., 14*l.*; London Rubber Co., Ltd., 9*l.*; May, Roberts & Co., Ltd., 7*l.*; A. & F. Pears, Ltd., 13*l.*; Piesse & Lubin, Ltd., 5*l.*; Preemo Oil Co., 6*l.*; John Morgan Richards & Sons, Ltd., 14*l.*; Salutaris Water Co., Ltd., 9*l.*; Solport Bros., Ltd., 8*l.*; Titterton & Howard, 42*l.*; C. Thomas & Co., Ltd., 10*l.*; Dorin Maison (Paris), 18*l.*

Trade Report.

42 Cannon Street, E.C. 4, April 22.

The depression noted in the Mincing Lane produce markets last week is unabated, there being an undercurrent of weakness and lack of stability about prices generally. Under these conditions it is not considered wise to enter into new commitments at the moment, and a feeling is prevalent that the summit of inflation of prices has been reached. If such is the case, the adjustment to a lower level will be a critical operation, but it is anticipated that the recession will be gradual. In fact, for the next two or three months it is expected that business will be on a rigid hand-to-mouth scale, and as forward trading is likely to be attended with considerable risk there will be little inducement to import until spot stocks are liquidated and the position stabilised. The increase in the excess profits duty to 60 per cent. has been the subject of bitter criticism in business circles, but the opposition aroused will probably end in a modification of the proposal. The increased duty of 22*s.* 6*d.* per proof gallon on alcohol is more than was anticipated, and this means an advance of probably from 3*s.* to 5*s.* 6*d.* per lb. in those spirituous preparations not entitled to rebate, and on perfumery like eau de Cologne the advance is 3*s.* 6*d.* per lb. Tinctures subject to rebate are not likely to be advanced, although the loss of interest on money involved in paying the higher duty is now greater. In pharmaceutical chemicals, prices generally are easier, but there is a fair export inquiry. Among products which have weakened are hexamine, hydroquinone, vanillin, theobromine, phenolphthalein, citric and tartaric acids, cream of tartar, and aspirin. Acetic acid, soda hyposulphite, oxalic acid, chloral hydrate, and phenacetin are more or less dearer. The slump in Japanese refined camphor is an outstanding feature, but there has been a recovery from the worst. Concerted action by America in reducing prices appears to have been successful in giving a lead to this market. Other changes include a decline in castor oil, star anise and Japanese mint oils, canary-seed, glucose, sulphur, albumen, cloves, pepper, and shellac. Canary-seed is lower, cumin slow of sale, and fenugreek steady.

Higher	Firmer	Easier	Lower
Acetic acid Alcohol Anise oil (W.I.) Sal ammoniac Hypophosph. Spirituous preps. (non-med.) Star	Bay oil Chloral hydrate Citronella oil (Cey.) Linaloe oil Linseed oil Oxalic acid Phenacetin	Angelica oil Aspirin Aubepine Citronella oil (Java) Clove oil Cocoa butter Copper sulphate Farina Ginger (Jp.) Hexamine Hydroquinone Lemon oil Pepper Podophyllum-root Tartaric acid Theobromine (pure) Vanillin	Albumen Anise oil, star Camphor (Jp. slabs and Eng. ref.) Canary-seed Cascara sagrada Cassia lignea Castor oil Citric acid Cloves (Zan.) Clove oil Cod-liver oil Cream of tartar Glucose Lead compounds Litharge Mint oil (Jp.) Musk xylol Phenol-phthalein Senega Soda bichromate Stramonium-leaves (Sp.) Sulphur Turpentine

Cablegrams.

New York, April 21.—Business in drugs is quiet. All medicinals have been advanced, and calomel is now $1.64. Shi buchu has advanced to $4.25 per lb. Menthol is lower at $13.00 per lb. Jalap is also cheaper at 52c., and balsam Peru has been reduced to $5.50. Phenacetin is lower at $2.40, and refined camphor is also lower at $2.85 per lb. for American in bulk.

Bergen, April 22.—The catch of cod amounts to 28,200,000, against 16,600,000 at the corresponding date of last year, and the yield of steam-refined oil is 42,270 barrels, against 21,930. The Finmarken fishing appears to have fair prospects. Market for medicinal oil is quiet at about 340*s.* per barrel c.i.f. terms.

Acetic Acid is firm and dearer, with a scarcity of spot supplies. For prompt shipment glacial is now 112*l.* 10*s.* per ton, 80-per-cent. pure is 92*l.* 10*s.*, and 80-per-cent. technical is 87*l.* 10*s.* per ton in casks, c.i.f. London. Spot commands 95*l.* for 80-per-cent. pure.

Albumen is 3*d.* per lb. lower, with spot sellers of prime Chinese hen at 5*s.* 3*d.* per lb., and March-April shipment is offered at 5*s.* 5*d.* c.i.f.

Alcohol.—The drug-trade expected an increase of 20*s.* per proof gallon in the spirit duty, but the advance of 22*s.* 6*d.*, which brings the duty to 72*s.* 6*d.* per proof gallon, is higher than anticipated. Particulars as to effects of the duty will be found in our editorial on the Budget.

Alkanet-root.—A small consignment is shortly expected from the Continent.

Antimony.—It is reported that some French refined in small lots is coming to this side, but more is wanted for this than for either Japanese or Chinese, which is said to be obtainable at about 65*l.* to 66*l.* per ton c.i.f. There is an inquiry for Chinese crude, and buyers' views range up to about 59*l.* c.i.f. for near arrival, but sellers want a little more. According to private advices, Chinese shippers find some little difficulty in fulfilling their contracts.

Arrowroot.—Common to good common St. Vincent is quoted at from 4½*d.* to 5½*d.* per lb.

Aspirin is slightly weaker in several directions at from 6*s.* 1½*d.* to 6*s.* 3*d.* per lb. from makers, and slightly less from dealers.

Cade Oil is scarce, and business has been done at 2*s.* 6*d.* per lb. for export.

Calcium Acid Phosphate is selling at 80*l.* per ton for stuff guaranteed to comply with the Sale of Food and Drugs Act.

Camphor (Refined).—At one period of the week the spot price of Japanese slabs in one direction declined 3*s.* 6*d.* per lb., selling down to 8*s.*, but subsequently a steadier falling prevailed, and 8*s.* 6*d.* to 9*s.* was paid, the closing quotation on Wednesday being 8*s.* 6*d.* May-July shipment has been sold at 8*s.* c.i.f. English refiners have lowered their prices of flowers to 13*s.* 6*d.* to 14*s.* per lb. as to quantity.

The exports from Japan during January of the past three years were as follows:

To	1918 Kin	1919 Kin	1920 Kin
British India ...	48,454	1	92,950
Great Britain ...	20,520	3,780	23,980
France	—	24,872	6,710
United States ...	13,782	142,430	52,500
Australia	6,118	—	—
Other Countries ...	11,624	19,119	2,546
Kin	100,498	190,202	151,686
Yen	187,324	527,856	885,354

Canary-seed is again quoted lower, with business at 170*s.* to 175*s.* per quarter for good to fine Morocco, lower qualities being worth nominally 155*s.* to 165*s.*

Cascara Sagrada.—For shipment, lower c.i.f. prices have been named. On the spot sellers quote two-year-old bark at 105*s.*, and one-year-old at 100*s.* per cwt.

Castor Oil continues nominal. Hull make of pharmaceutical quality is lower at 95*l.* 10*s.*, first pressing 93*l.* 10*s.* and second pressing 90*l.* 10*s.* per ton ex mills Hull, barrels included, for lots of not less than one ton. In another direction there is a seller of first pressing at 90*l.* per ton. French is quoted on the spot in barrels at 105*s.* to 106*s.* per cwt., according to quantity. In cases, afloat is offered at 116*s.*

Celery-seed is offering at 135*s.* per cwt.

Chillies continue scarce. At auction 87 bales Zanzibar offered and sold at from 100*s*. to 101*s*. per cwt. for ordinary red mixed. Sales in Liverpool include 36 bags Sierra Leone at from store at 115*s*. per cwt.

Chloral Hydrate is slightly firmer at from about 7*s*. 6*d*. to 7*s*. 9*d*. per lb. for duty-paid crystals, and on c.i.f. terms 6*s*. is quoted in bond.

Citric Acid is easier for crystals, which are quoted at about 6*s*. 9*d*. to 7*s*. Powder has been more plentiful at 6*s*. 6*d*. New York (April 1) reports continued heavy buying, and while arrivals from abroad have been heavy they have been quickly taken up. Heavy purchases have been made in Europe for shipment as far ahead as June-July at equal to $1.15 per lb.

Cloves.—Zanzibar are lower, with sellers of fair at 2*s*. 2*d*. per lb. on the spot. The London stock is 21,001 bales, against 9,908 bales in 1919 and 14,253 bales in 1918. At auction 214 bales Zanzibar sold at from 1*s*. 2½*d*. to 1*s*. 4*d*. for badly sea-damaged; 18 cases Ceylon offered, and part sold at 2*s*. 2*d*. for rather small; 10 cases Penang were bought in at 3*s*. 3*d*.

Cocoa-butter is easier, with sellers of prime English at 2*s*. 10*d*. per lb.

Cod-liver Oil.—In view of the possibility of lower prices, hand-to-mouth buying characterises the market, and, although new Lofoten oil is offered by agents at from 385*s*. to 390*s*. c.i.f., bids of decidedly less (say, from 340*s*. to 350*s*.) would probably lead to business. Spot prices are from 325*s*. to 350*s*. per barrel.

Copper Sulphate.—Export merchant business is still limited, due to the disappointing demand from the Continent, and makers have therefore only few opportunities to secure new engagements, despite the reasonable terms now ruling, these varying from about 47*l*. to 49*l*. per ton f.o.b. Liverpool in casks, less the usual discount. The export movement is still comparatively small so far this year, and at a rate not even one-half what it was in fairly active seasons in pre-war times. The securing of more important and more regular outlets abroad is, of course, a question which will eventually call for renewed energy by export dealers and merchant firms. There is again a lull in raw material.

Cream of Tartar.—Although primary sources maintain their previous high prices, there are several sellers on the spot anxious to make progress, and they are willing to take 290*s*. per cwt. for 99 to 100 per cent. powder.

Cumin-seed is slow of sale at 42*s*. 6*d*. to 47*s*. 6*d*. per cwt. for ordinary to good sifted Morocco.

Dill-seed is quoted 16*s*. per cwt. for fair East Indian, but no business is reported.

Egg Products are quiet, with spot sales of China 2-per-cent. hen-yolk at 100*s*., and sellers of April-June shipment at 100*s*. c.i.f. Dried yolk is 9*d*., spray whole egg 2*s*., and native dried whole 1*s*. 2*d*. per lb. spot.

Ergot.—Small consignments from Sweden have lately been selling at about 27*s*. 6*d*. to 30*s*. per lb. for fine sound quality, the high price having attracted supplies.

Farina has declined a further 2*s*. per cwt. to 29*s*. for No. 1 Japanese on the spot, afloat is 27*s*. 6*d*. c.i.f., and April-June shipment is 6*d*. easier at 28*s*. 6*d*. c.i.f. Sellers of sweet-potato flour quote 30*s*. spot.

Fenugreek-seed is steady at 12*s*. 6*d*. to 13*s*. per cwt. for fair Morocco, according to quantity.

Formaldehyde appears to be more plentiful at the moment, but the price is still very high at about 350*s*. per cwt., at which figure business has been done for 40-per-cent. volume in casks on the spot.

Gallic Acid is steady at 8*s*. 6*d*. per lb. for pure crystals on the spot, and slightly less for quantity.

Gelatin.—Prices have lately been reduced; finest calf leaf can be had at 340*s*. per cwt.

Gentian is selling at from 65*s*. to 70*s*. per cwt. on the spot.

Ginger.—There have been further sales for the United States, and holders now ask 190*s*. to 200*s*. for best sound parcels. Sales of Japanese have been made at the easier rate of 65*s*. per cwt. on the spot.

Glucose is lower, American liquid having been sold at 57*s*. 6*d*. per cwt., with sellers asking 58*s*.

Hexamine is easier at from 16*s*. to 16*s*. 6*d*. per lb. c the spot.

Honey continues slow of sale. It is thought, howeve that with the higher prices of sugar now in vogue mo attention may be paid to honey by confectioners.

Hypophosphites.—Dealers offer calcium at 4*s*. 6 sodium at 5*s*. 7*d*., potassium at 7*s*. 9*d*., iron and bariu at 8*s*. 3*d*., and manganese at 9*s*. per lb.

Hydroquinone is cheaper from importers' hands, offe ing at from 10*s*. 6*d*. to 11*s*. 6*d*. per lb., as to quanti and seller.

Kola.—In Liverpool small sales of fair African hal have been made at 4*d*., and fine qualities at 5½*d*. per lb.

Lead Compounds.—There was another downward pri revision late last week of 25*s*. per ton for white lead a red lead, as well as litharge, but the tone is fairly stead with a demand especially for export. Quotations are follows: Dry white lead 58*l*. 10*s*., and ground white le in oil 70*l*. 5*s*. f.o.b. Red lead and litharge stand 57*l*. 10*s*. for less than five tons, and 56*l*. a ton for fi tons and upward, these rates being both for the ho trade and export.

Linseed Oil.—The market is most uncertain, while co sumers are taking a little more interest for immedi needs only. The much improved prospects in the mat of seed arrivals dominate the situation, but the rec acute weakness has abated, and more active markets w a steadier tone are possible. Spot (London) closes 105*s*. and Hull at 88*s*. per cwt. naked.

Lycopodium remains very high, and small lots com to hand sell readily at from 11*s*. 6*d*. to 12*s*. per lb. treble sifted.

Manna continues high, with sales of finest flake in 1 tins at 5*s*. 4*d*. per lb. c.i.f. Gerace in 2-cwt. cases quoted at 190*s*. per cwt. c.i.f.

Menthol is quiet and lower, with spot sales Kobayashi-Suzuki at 60*s*. per lb.—a reduction of 4*s*. to on the week; 200 cases have arrived from Kobe.

The exports from Japan during January of the past th years were as follows:

	1918	1919	1920
Kin	15,302	14,293	16,169
Yen	86,280	106,380	253,101

Olive Oil.—Finest cream edible in tins and cases offered at from 23*s*. to 24*s*. per gal., and edible Spa at 22*s*. 6*d*.

Opium.—The London market remains steady at week's quotations.

Smyrna, April 2.—The week opened strong, with an ward tendency, and early on Monday two buyers c forward showing signs of anxiety to close their unc pleted engagements. This, as one would say, added to the greed of our few holders, and as a result pr jumped up to 50 piasters per oke, with an exchang only ten cases at 1,010 piasters per oke for current quali and 1,050 piasters for extra-selected manufacturing d gists'. Since Monday four other buyers came forw running up prices to 1,040 piasters and 1,100 piasters, a quality, and all the quantity that could be proc amounted to only fifty-three cases. The above piaster p are equivalent to 19*s*. to 22*s*. per lb. c.i.f. Our princ railway communications are still held up by the "Tche or revolutionary Nationalists, who will not leave anyt to come down on this market; therefore as a result must expect higher and higher figures so long as our pleted stock is not replenished by fresh arrivals. exchange to-day is 454 piasters per pound sterling for che and $0.87 for one Turkish paper pound of 100 piasters. arrivals to date are 1,506 cases, against 265 at same date year.

Oxalic Acid is firmer at from 2*s*. 11*d*. to 3*s*. per on the spot.

Patchouli-leaves.—A parcel of 25 bales has arrive London from Singapore. The consignment of 20 recently offered at 140*s*. per cwt. has been sold.

Pepper.—Towards the close of last week the market for fair *black* Singapore declined to 7⅛*d*. per at which sales were made; but on Monday there w recovery to 7⅜*d*., which was also paid, the marke Wednesday closing at 7½*d*. To arrive, April- and May-July shipment has been sold at 7⅝*d*. to 7¾

d. c.i.f., also August-October at 7¾d. c.i.f. Lampong 7½d. spot, and April-June 7¾d. c.i.f. Tellicherry is d. and Aleppy 8d. spot. *White* pepper is dull and asier, Muntok on spot offering at 1s. 2½d., with sales of ay-July shipment at 1s. 2d. c.i.f. Singapore has declined ¾d. to 1s. 2d.

Petroleum Jelly has been scarce for some time past; e spot values are from 92s. to 97s. per cwt. in barrels, to quality, the latter for good white.

Phenacetin is a product affected by the higher duty alcohol, and English makers ask 19s. per lb., and the cond-hand price is about 18s.

Phenolphthalein is lower, with importers offering at om 10s. 6d. to 11s. 6d. per lb. on the spot, according to uantity.

Podophyllum-root.—American on the spot is easier, fering at 250s. per cwt.

Potash Iodide.—The exports from Japan during nuary of the past three years were as follows:

	1918	1919	1920
Kin	7,540	3,580	1,803
Yen	44,814	26,866	15,928

crude iodine the exports were as follows:

	1918	1919	1920
Kin	2,128	577	181
Yen	12,157	4,955	1,915

Quicksilver.—The market is rather difficult to quote the present, this being due to the somewhat obscure itude of the leading importing firm, whose views seem ut 25l. 10s. per bottle for Spanish, although some ple suspect that this figure might be shaded for good antities. On the other hand, some dealers ask up to . per bottle. There is apparently a fairly good demand small lots available on the spot. Italian is offering in derate quantities, and a few lots have been coming ng from Scandinavia, the origin of which is a matter curiosity. It is possible that this quicksilver was first erted from Italy to Scandinavia. There is some uiry here for the United States, where supplies are rt, and prices thus kept at a high level. Towards the se we hear Italian has been sold at from 23l. 10s. to per bottle on the spot, with further shipments anticiped.

Quinine is quiet so far as Mincing Lane dealers are cerned, brokers offering sulphate at from 4s. 11d. to per oz. as to quantity.

Saccharin meets with little attention from the home de at the moment, with supplies of 550 pure available 140s. per lb., duty paid. For export, from 24s. to per lb. is quoted in bond. The Board of Trade urns give the following figures:

	1913 oz.	1919 oz.	1920 oz.
nports (Mar.)	13	165,627	92,977
do. (Jan.-Mar.) ...	93,665	519,290	138,666
ome consumption (Mar.)	59,873	3,883	1,753
do. do. (Jan.-Mar.)	205,463	16,938	10,804
e-exports (Mar.)	11,632	—	5,232
do. (Jan.-Mar.) ...	35,296	—	222,285

Saffron.—Spot offers of Valencia are being made at to 70s. per lb., according to quality.

Santonin.—We note the arrival of 2,500l. worth bably 30 to 40 kilos.) *viâ* Switzerland, which is conied to the usual agents for sale.

Senega is flat at 12s. per lb. on the spot. New York tes the market as firmer at $2.40 to $2.50, but ample ks are available here, with holders willing to meet ers.

Shellac is again much lower and very irregular, the price of usual standard TN Orange quality closing Wednesday at 450s. per cwt., a reduction of about . on the week. Futures are also much lower, with fluctuations, the sales including May delivery at from . to 435s. and August at from 470s. to 420s.

Soda Hyposulphite.—Pea crystals are extremely scarce. fancy prices are obtainable for anything available in nd-hands—45s. per cwt. being mentioned for kegs.

Soda Salts.—Resale parcels of refined *bicarbonate* have sold at 15l. 10s. per ton; of *crystals* (*carbonate*) spot offers have been made at 14l.; *bichromate* is lower at 1s. 8½d. to 1s. 11d. per lb., the former being for American; *caustic*, 70 to 72 per cent., is higher at 42l. 10s. per ton; *sulphate*, commercial quality, is offered at 13l. per ton, delivery ex wharf; *salt cake*, 95 to 97 per cent., is easier at from 19l. 10s. to 21l. per ton f.o.b. in bulk.

Stramonium-leaves.—Spanish are again lower at 82s. 6d. per cwt.

Sugar.—The general advance in the retail price of sugar, which must shortly follow on the higher quotations of Cuban producers, is postponed for a month, but a substantial increase in the price of sugar issued for manufacturing purposes came into operation on April 19, and this affects the price of B.P. simple syrup, which is raised to the extent of the advance. During the past few weeks manufacturers have obtained cube and loaf sugar at 118s. per cwt., granulated, crystals, and white pieces at 114s., and some inferior grades at 105s. 9d., the price in each case being subject to a discount of 1¼ per cent. The discount is retained, but the revised prices are to be 154s., 150s., and 141s. 9d. per cwt. respectively. The only alteration in retail prices of sugar sold through the grocers is that castor, icing, and pulverised sugar go up from 10½d. to 10¾d. per lb. The official announcement gives the following scale of prices:

—	Grocery. Wholesale. Per cwt. Discount 1¼%	Grocery. Retail. Per lb.	Manufacturing. Wholesale. Per cwt. Discount. 1¼%
Castor, icing, pulverised ...	86s.	10¾d.	156s.
Cubes, loaf sugar	84s.	10½d.	154s.
Granulated crystals, crushed and chips, dry white sugar, W.I. grocery crystallised, yellow crystals, white pieces, moist	80s.	10d.	150s.
W.I. Muscovado (moist) raw brown, cane crystals, pieces —other than white W.I. grocery syrups	71s. 9d.	9d.	141s. 9d.
Jellies, knots, and lumps W.I. and other British Colonial syrups to be sold only to manufacturers...	—	—	Uncontrolled
Sugar for domestic preserving	114s.	1s. 2d.	—

The maximum "reasonable" price for all licensed "free" sugar from April 19 until May 15, 1920, has been fixed at 150s. per cwt., less 1¼ per cent. Syrup and molasses will be sold by refiners at prices approved by the Commission. Vouchers for Period 5, starting on April 19, should be fulfilled at the following rates: White, blue-green, and yellow, 100 per cent. of face value; blue, 200 per cent.; brown, 300 per cent.

The new rates will be in force until May 15. The amount of sugar to be issued to householders for jam-making during the current season is approximately 35,000 tons. No sugar is to be allotted to breweries and distilleries, and the confectionery trade is to receive one half the quantity issued during 1919, which was approximately 166,000 tons.

Sulphur is lower, with Sicilian flowers offering at 26l. and roll at 26l. per ton.

Tartaric Acid.—Demand is quieter, and prices are a shade easier, with crystals obtainable at 4s. 6d., and powder is plentiful at from 4s. 1d. to 4s. 2d. per lb.

Tea-seed Oil is now freely sold as a "salad" oil with satisfactory results, and can be had at from 12s. per gal. upwards.

Theobromine.—The pure alkaloid is again cheaper, importers offering at from 47s. to 49s.

Thymol.—British-made is scarce and in upward tendency at 50s. per lb., which has been paid this week. Indian, ex ajowan-seed, is also firm at 55s. to 57s. 6d. per lb.

Turpentine.—The market for American spirit, after showing renewed weakness early this week, with spot delivery dropping to 195s., became firmer on Wednesday, on an improving demand. Recently we alluded to a large cargo-quantity which apparently arrived in this country, but it was not landed, and it is now under-

stood that the boat in question has found its way back to America. This is presumably part of the manipulative tactics indulged in, chiefly on American account. Contrary to expectations, our imports last month were small, amounting to 429 tons, making a total of 1,864 tons for three months, compared with 2,956 tons and 3,824 tons respectively in the same period in 1919 and 1913. The American market has been very firm on the whole, while it is suggested there, that the new season's crop may have only a minimum effect, and would thus not afford much relief to the Naval Stores market. Stocks at American centres are said to be so low, on account of poor transport by land and sea, that it is believed no considerable surplus will be accumulated when the new crop begins to come in. The seasonal fluctuations in price are inevitable, but it is argued that no lasting effect can be relied upon in the way of relief from the new crop. This view is perhaps more or less inspired from interested quarters.

Vanillin has been in easier tendency with sellers at 79*s*. per lb.

Zinc Oxide.—There is not a great deal of trading, but the tone is steady at previous rates. The position in raw material is very unsettled under manipulation.

Essential Oils Market.

In sympathy with the general markets, buyers appear to be adopting a waiting attitude, and with what business has been passing they may have been well able to obtain concessions in several directions. The labour situation on the Continent is one of several disturbing factors which are causing inconvenience to both importers and exporters. For example, there is the Dutch strike, which still drags on, although a defeat for the transport workers is now anticipated, as it is stated that upwards of 1,200 men have returned to work. Lime is higher. Bay, Ceylon citronella, and linaloe have a firmer tendency. Angelica, Java citronella, and lemon are easier, and anise (star) and Japanese mint are lower.

Angelica is offered to come forward at 110*s*. per lb. in one direction. The new crop is being distilled this month.

Anise, Star, is about 3*d*. per lb. lower, with spot sales of "Red Ship" brand at 4*s*. 9*d*. to 4*s*. 10½*d*. per lb.

Bay is scarce and firmer at 30*s*. to 32*s*. per lb. for spot.

Bergamot is steady at the source at 32*s*. to 38*s*. per lb. for 38-39 l.a. For shipments afloat 36*s*. 6*d*. is quoted. The spot quotation varies from 34*s*. to 37*s*. 6*d*.

Bois de Rose (Femelle).—Spot is on offer at 50*s*. per lb.

Calamus is reported to be in good demand, and is steady for forward delivery at 44*s*. per lb.

Camphor.—The exports from Japan during January of the past three years were as follows:

	1918	1919	1920
Kin	17,722	5,335	435,756
Yen	3,236	1,259	168,991

Caraway is an unsteady market at present, prices varying from 13*s*. 6*d*. to 15*s*. per lb. on the spot. C.i.f. quotations are given at 11*s*. 6*d*. to 12*s*. 6*d*.

Cinnamon (Leaf).—Ceylon is steady on the spot at 1*s*. 0½*d*. per oz. Bark oil, finest quality, is offered at 175*s*. to 180*s*. per lb. c.i.f., and on spot 12*s*. 6*d*. per oz. is quoted.

Citronella.—Ceylon is steady at from 3*s*. 3*d*. to 3*s*. 6*d*. per lb., with a firmer tendency. For Java, which is scarce, from 5*s*. 7*d*. to 6*s*. per lb. is quoted on the spot; to come forward, 5*s*. 6*d*. to 5*s*. 9*d*.

Clove.—The further reduction in the spice has led to slightly cheaper sellers of oil at from 19*s*. 6*d*. to 20*s*. per lb. for finest English distilled.

Geranium.—Spot offers for Bourbon vary from 37*s*. to 40*s*. per lb.; Algerian at from 43*s*. to 44*s*. For artificial geranium oil spot offers are made at 25*s*. per lb.

Gingergrass is steady on the spot at 18*s*. 6*d*. per lb. for the "insoluble" variety.

Juniper-berry.—Large arrivals are said to have taken place. B.P. is quoted for June delivery at 19*s*. per lb. The spot price is steady at 20*s*. to 23*s*. per lb., but a parcel is obtainable at 18*s*. per lb.

Lavender.—Good business is reported this week, and prices remain steady at from 43*s*. to 50*s*. per lb., according to ester-value.

Lemon.—The position remains steady, with a slightly easier tendency for forward quotations. Spot offers are made at from 9*s*. 6*d*. to 10*s*. per lb., and c.i.f. London 8*s*. 3*d*. to 9*s*. 3*d*. per lb. prompt shipment.

Lemongrass is in fair demand at from 1*s*. 3*d*. to 1*s*. 4*d*. per oz. for spot. A large consignment of low citral percentage (30-55 per cent.) is offered at 15*s*. to 16*s*. per lb.

Lime.—Hand-pressed West Indian has been sharply advanced, and 25*s*. to 30*s*. per lb. is quoted; distilled is 6*d*. dearer at 8*s*. on the spot.

Linaloe.—Mexican is said to be in good demand and firmer, spot offering at 40*s*. per lb. and forward at 36*s*. to 37*s*.

Mint.—Japanese dementholised is quiet and about 6*d*. to 9*d*. per lb. cheaper, Kobayashi-Suzuki selling at down to 11*s*. per lb.; 200 cases have arrived from Kobe. The export from Japan during January of the past three years were as follows:

	1918	1919	1920
Kin	5,802	12,896	22,189
Yen	12,767	37,679	125,774

Neroli.—Finest French oil is offered at 40*s*. to 55*s*. per oz. on the spot, according to quality and source. Quotations for the new crop are not yet to hand, but it is anticipated that these will reach a high figure. Spanish oil from spot stocks is offered at 24*s*. per oz., and forward at 28*s*.

Orange.—For Sicilian sweet 49*s*. to 55*s*. per lb. is quoted for spot supplies; West Indian at 40*s*. per lb. Bitter Sicilian to come forward is offered at 31*s*. per lb. For Spanish redistilled spot offers are made at 36*s*. per lb. A large consignment afloat (due April 28) of Sicilian sweet orange oil of fine quality is offered at 51*s*. o.i.f. London.

Palmarosa is quoted at 26*s*. to 27*s*. per lb. Inferior lots are said to be on offer at present.

Peppermint continues easy for American at from 44*s*. to 47*s*. per lb. for tin oil, and H.G.H. is offered at 70*s*. London terms.

Petitgrain.—For Paraguayan from 26*s*. to 29*s*. per lb. is quoted for spot supplies.

Sandalwood.—An arrival of Mysore oil to the value of 44,280*l*. has taken place to London.

Sassafras is in good demand and steady at from 13*s*. to 13*s*. 6*d*. per lb.

Spike is unchanged at from 14*s*. to 14*s*. 6*d*. per lb. for Spanish and 16*s*. for French.

Ylang-ylang.—For finest Bourbon 7*s*. per oz. is quoted for spot in one direction.

Amyl Salicylate is offered to come forward at 10*s*. per lb. Aubepine.—Spot supplies are available at 40*s*. per lb. For Benzyl Alcohol 12*s*. per lb. is asked. Coumarin is steady at from 37*s*. per lb. on the spot to 42*s*., the latter price being for a high-grade French product. For Ethyl Butyrate 21*s*. per lb. on the spot is asked in one direction. Eugenol is quoted at from 25*s*. to 26*s*. per lb. on the spot for Continental as the result of a decline in raw material. Hyacynthine is afloat at 43*s*. per lb. Ionones are still very scarce, and from 120*s*. to 150*s*. per lb., according to quality, is quoted. Irisine.—For this product 105*s*. per lb. is asked in one direction. Methyl Salicylate.—Spot offers are at 5*s*. to 5*s*. 3*d*. and forward at 5*s*. Musk Ambrette.—There appears still to be little on the spot, for which 330*s*. is wanted. For a Swiss product, 100 per cent., 300*s*. per lb. forward is quoted. Xylol is lower in one direction at 42*s*. per lb. on the spot, but higher prices are asked for forward delivery (May-June shipment). Phenyl Ethyl Alcohol is quoted at 95*s*. per lb. and Phenyl Acetic Aldehyde at 110*s*. per lb. to come forward in one direction, which is considerably lower than for spot supplies, which are very scarce. Spot quotations for Phenyl Ethyl Acetate are about 45*s*. Safrol is in good demand at 6*s*. 6*d*. to 7*s*. per lb. Terpineol.—Spot offers vary from 6*s*. 6*d*. to 8*s*. 6*d*. per lb. Heliotropin crystals are offered at 35*s*. to 37*s*. 6*d*. per lb. afloat. Artificial Musk powder is quoted at 45*s*. per lb.

Spanish Olive Oil.

The "Gaceta de Madrid" (March 30) contains a Royal Order by which the export from Spain of 20,000 metric tons of olive oil is to be allowed under licence. Spanish traders who desire to export oil are required by the Order to make application for licences not later than April 15. Applicants must declare that they have deposited (or will deposit within a period fixed by the Order) and will sell to the Minister of Supplies at a price of 15 pesetas per 11½ kilos a quantity of oil equal to 150 per cent. of the quantity for which they desire export licences. Applications may only be submitted by producers, refiners, or merchant exporters of olive oil registered as such prior to the date of the Order and applicants must declare that they are the owners of the quantity of oil offered for deposit, the country to which they desire to export, and the Custom Houses through which they propose to ship the oil. Application may not be made by

a single exporter to export any quantity of oil in excess o 5 per cent. of the total quantity to be authorised for export. All applioations submitted will be examined by a sp ial committee of the Board for the control of the trade in olive oil, and licences for the export of the 20,000 tons w be distributed among the applicants whose petitions a found to be in order. A statement will be published in th "Gaceta de Madrid," giving the names of the applicants, th quantity for which each applicant sought permission to export, and the quantity authorised to be exported by each. If the total quantity applied for exceeds 20,000 tons, licences w be issued *pro rata*. Licences issued will be valid until A ust 31 next in the case of oil to be exported in barrels or hogheads; and until September 30 in the oaso of oil to be exported in tins or bottles with Spanish marks. The Government reserve the right to allot a fixed quantity of the oil (to be exported) to any particular country or countri ; and in the event of this right being exercised licences wi be distributed to the fixed amount among those expo ers who have applied for permits to export oil to that pa cular destination or those destinations. This procedure, ho ever, will not involve any increase of the total quantity o to be authorised for export. Export duty will continue o e 25 pesetas per 100 kilos. net for oil in barrels or o eads; and 20 pesetas per 100 kilos. for oil in tins or o s with Spanish marks. The special tax of 20 centimos e 00 kilos. of oil exported, levied to defray administrative x nses, is, however, reduced to 10 centimos. It appears o the preamble to the Order that it may be possible to au orise the export over the whole year of a total quantity f ,000 metric tons of olive oil. For the present, however, h been decided to limit export to 20,000 tons, as explained ve.

Arrivals of Drugs Chemicals, etc.

Th ection is now restricted to imports of direct interest to the Chemical and Drug trades.

T following products have arrived at the ports named:

London

(March 22 to 29).

Ag agar (Jp.), 8 bls.
 ical products, etc.:
 c c acid (N.Y.), 213 brls.
 A on. nit. (Norw.), 42 cks.
 A nic, (Beira) 70 cks., (ji) 399 cs.
 a m chloride (Antw.), 200 s
 Ba tes, (Antw.) 700 bgs., (rm.) 436 cs.
 e ic acid (N.Y.), 7 cks.
 o (N.Y.), 449 pkgs.
 Cit acid (Fr.), 100 cks.
 Cre ote (N.Y.), 45 cs.
 For alin (Swe.), 50 pkgs.
 Ma an. diox. (Swe.), 30 bgs.
 ot chlorate (Swe.), 100 kgs.
 Pot chloride (Antw.), 20 cks.
 P t nit. (Antw.), 120 bgs.
 Pot permanganate (Swe.), 40 cl
 Pot pruss. (Swe.), 14 cks.
 c rin (N.Y.), 18 cs.
 Sal mmoniac, (N.Y.) 110 kgs., (l m.) 44 brls.
 Salt tre (Denm.), 30 cks.
 Sod hlorate (Norw.), 100 kgs.
 S d nitrate, (Norw.) 74 cks., (G m.) 850 bgs.
 Sod. erox. (Norw.), 50 cs.
 Sod. russ. (Fr.), 45 cks.
 n acid (N.Y.), 20 brls.
 r (Fr.), 567 bgs. 8 brls.
 rt ic acid (It.), 20 brls.
 ug crude, etc.: roots and le s, (N.Y.) 106 pkgs., (A w.) 48 bls.; leaves, roots, 53 bls. 38 bgs.; herbs, H ib.), 23 bgs.
 en i (Penang), 46 cs.
 alu a, (Beira) 250 bgs., C) 137 bgs.
 m or, (Ch.) 458 cs., (Jp.) 0 .
 ard oms (E.I.), 88 cs.
 nc na, (Cey.) 45 bls., C in) 38 bls.
 rot oil (N.Y.), 6 cs.
 lem N.Y.), 100 cs.
 alls Ch.), 200 cs.
 ca anha (Denm.), 6 pkgs.
 pla cy.), 34 bgs.
 ann (It.), 12 cs.
 ux mica (Fr.), 123 bgs.
 rsa rilla (N.Y.), 10 bls.
 enn Tinn.), 321 bls.
 quil It.), 144 bgs.
 ama ids (Cal.), 225 cks.
 urm c (E.I.), 219 bgs.

Gums, resins, etc: not described. (Fr.) 532 bgs., (B'bay) 215 bgs.; acacia (Egypt), 7,754 bgs.; copal (S'pore), 430 cs.; cutch (R'goon), 500 pkgs.: damar (S'pore), 350 cs.; lac (S'pore), 160 cs.; shell (Cal.), 150 chts.: resin. (Fr.) 365 cks., (Belg.) 500 cks.: thus (N.Y.), 10 brls.
Isinglass (S'pore), 3 cs.
Mercury, (Sp.) 5.000 flasks, (Swe.) 50 bots., (It.) 150 bots.
Oils, essential: (Fr.) 43 pkgs., (N.Y.) 27 pkgs.; citronella (Cey.), 21 pps. 21 drms.: eucalyptus (Aust.), 159 cs.; lemon (Sic.), 55 × ½ cs. 20 × ¾ cs. 9 cs.: lemongrass (Cochin), 75 drms.; turpentine, (Fr.) 397 cks., (Port.) 123 bxs. 91 cs. 68 brls., (Belg.) 250 drms., (Swe.) 76 pkgs. 90 brls. 10 cks.
Petroleum jelly (N.Y.), 205 brls.; vaseline. 2,883 cs.
Spices: Chillies (Beira). 56 bls.; ginger (E.I.). 27 cs. 100 bkts.; pepper (B'bay) 495 bgs., (Cey.) 66 bgs., (Antw.) 53 cs., (Cochin) 480 bls.
Waxes: bees' (W.Af.), 210 bdls.; paraffin, (N.Y.) 1.759 bgs., (scale) (U.S.) 218 brls.

Liverpool

(March 22 to 26).

Chemical products, etc:
 Argol (Port.), 612 pkgs.
 Calc. acet. (U.S.), 4,875 bgs.
 Potash salts: nitrate (Antw.), 45 bgs.; muriate (Hamb.), 700 bgs.; sulph. (Hamb.), 430 bgs.
 Saltpetre (E.I.). 3,500 bgs.
 Sod. silicate (Malta). 10 cks.
 Sulphur (U.S.). 2,851 bgs.
 Tartar (Sp.), 57 kgs. 65 brls.
 Terpin hyd. (N.Y.), 5 brls.
Chillies (Antw.), 105 bgs.
Drugs, crude: cascara (Vancouv.), 942 sks.
 Cod-liver oil (St. John's), 175 brls.
 Cuttlefish bone, (E.I.) 105 bdls.. (Sp.) 3 cs.
 Galls (Tky.), 59 bgs.
 Liquorice paste (Smyr.), 510 cs.
 Opium (Tky.). 6 cs.
 Orange-peel (Malta), 48 cs.

Gums, resins, etc.: copal (Antw.), 1,518 pkgs.; cutch (Rangoon), 1,850 bxs.; gambier (Jv.), 1,700 cs.; resin (U.S.), 2,000 brls.
Honey (W.I.), 703 brls.
Waxes: bees', (E.Af.) 108 pkgs. 486 blocks, 375 sks., (Fr.) 316 bdls.; paraffin (R'goon), 2,400 bgs.

Manchester

(March 22 to 26).

Castor oil (Fr.), 56 brls.; cod-liver oil (Bergen), 5 brls.; gentian (Fr.), 6 bls.; lavender oil (Fr.), 9 cks.; liquorice (Fr.), 9 bls.; pot. chlorate (Antw.) 10 cks, (Swe.) 20 kgs.; pot. nitrate (Antw.), 10 cks.; pruss., 10 cks.; resin (U.S.), 200 brls.; sod. chlorate, (Antw.) 100 cks., (Swe.) 580 cs.; tartar (Fr.), 10 cks.; tartaric acid (Fr.), 3 cks.; tartar emetic (Fr.), 19 cs.

Hull

(March 20 to 25).

Acetic acid (Swe.), 109 pkgs.; calc. acet. (Swe.), 827 bgs.; liquorice pasto (Smyr.), 500 cs.; potash (Black Sea), 37 brls.; sulphur (Huelva), 164 tons; tartaric acid (It.), 70 cks.; turpentine (Swe.), 18 drms.

Southampton

(March 23 to 26).

Alcohol (Natal), 40 drms.; aloes (Cape), 114 cs.; essential oils (Fr.), 40 cs.; tartar (Fr.), 130 bgs. 200 pkgs.

London

(March 29 to April 1).

Casein (Aust.), 257 bgs.
Chemical products, etc.:
 Acetanilide (N.Y.), 15 brls.
 Acetic acid (N.Y.), 161 brls.
 Argol, (Sp.) 1,866 pkgs., (Fr.) 215 bgs., (It.) 90 cks.
 Barytes, (It.) 256 bgs., (Swe.) 116 bgs.
 Benzoic acid (N.Y.). 50 brls.
 Borio acid (It.), 254 pkgs.
 Butyric acid (Fr.), 10 cks.
 Calc. chlor. (Sic.), 84 cks.
 Calc. cit., (W.I.) 72 cks., (Sic.) 187 cks.
 Calc. tart. (Fr.), 496 bgs.
 Citrio acid (Tky.), 250 brls.
 Fusel oil (It.). 23 cks.
 Lactio acid (N.Y.), 14 cs.
 Magnes. chlor. (Antw.), 34 cks.
 Oxalic acid (Swe.), 7 brls.
 Potash salts (U.S.) 6 brls., (Black Sea) 63 cks.
 Quinine (Jv.), 945 cs.
 Saccharin (N.Y.), 50 cs.
 Soda bicarb. (Denm.), 20 cks.
 Soda bisulph. (Hamb.), 46 cks.
 Sod. butyrate (N.Y.), 23 bxs.
 Soda pruss. (Fr.), 47 cks.
 Stearic acid (N.Y.) 61 bgs.
 Sulphur (Sic.), 7,976 bls.
 Tannic acid (N.Y.), 34 brls.
 Tartar, (Sp.) 66 brls. 356 pkgs., (Fr.) 34 brls. 165 bgs.
 Thorium nit. (Hamb.), 30 cs.
 Wine lees (Sp.), 917 bgs.
 Zinc oxide (Germ.), 107 brls.
Drugs, crude, etc.: (Hamb.) 21 pkgs., (Sp.) 5 bls.; herbs (It.), 18 bgs.; leaves (Fr.), 11 bls.
 Benzoin (S.S.), 252 cs.
 Calumba (Cey.), 10 bgs.
 Camphor (Ch.), 106 cs.
 Cardamoms (Cey.), 68 cs.
 Cinohona (Jv.), 549 bls.
 Coca leaves (Jv.), 14 bgs.
 Cod-liver oil (Norw.), 200 brls. 23 cks.
 Galls, (Ch.) 100 cs., (Basra) 1,025 bgs.
 Gamboge (S'pore), 10 cs.
 Gentian (Fr.), 40 pkgs.
 Horseradish (Hamb.), 691 pkgs.
 Ipecacuanha (Fr.), 8 bls.
 Juniper berries (It.), 90 bgs.
 Liquorice (Sic.), 285 cs.
 Opium (Basra), 4 cs.
 Rhubarb (Ch.), 25 cs.
 Senna (N.Y.), 50 bls.
 Squills (Sic.). 37 bls.
 Tamarinds (W.I.), 34 brls.
Gums, resins, etc.: (It.) 90 cs., (Basra) 1,963 bskts. 166 bgs. 375 cs.; copal, (S'pore) 200 cs., (Jv.) 182 cs.; cutch, (R'goon) 515 bxs., (S'pore) 500 bxs.; damar (S'pore). 700 cs. 434 bgs.; gambier (E.I.), 4,617 bgs. 257 cs.; resin (Fr.), 100 cks.
Honey (W.I.), 10 cks.
Lime-juice (W.I.), 12 hhds. 200 cks. 301 pkgs.
Oils, essential: (Fr.) 22 cs., (Sp.) 14 drms., (Sic.) 77 cs.; bergamot (Sic.), 41 cs.; cajuput (Jv.), 35 crts. 33 cs.; cassia (Ch.), 30 cs.; citronella, (R'goon) 28 crts. 137 drms., (Jv.) 11 drms.; eucalyptus (Aust.), 100 cs; juniper (Hamb.), 9 cs.; lemon (Sic.), 144 pkgs. 20 bots. 101 cs.; lime (W.I.), 94 pkgs.; peppermint (N.Y.), 30 cs.; turpentine, (Norw.) 60 pkgs., (Fr.) 200 brls. 100 cks.
Spices: Cassia (Ch.), 2,555 cs.; cinnamon (Swe.), 22 bls.; cloves, (Penang) 36 cs., (Jv.) 24 bgs.; mace, (W.I.) 92 pkgs., (Penang) 35 cs.; nutmegs, (W.I.) 68 pkgs., (S'pore) 556 pkgs.; pepper (E.I.), 4,453 bgs.
Waxes: not described (Ch.), 4 bls.; bees' (Aust.), 5 cs.; paraffin, (N.Y.) 145 brls. 550 bgs., (R'goon) 3,472 bgs., (scale) 670 brls.

Liverpool

(March 29 to April 1).

Antimony oxide (Fr.), 4 cks.
Chemical products, etc.:
 Calc. acet. (U.S.), 1,440 bgs.
 Calc. borate (S. Amer.), 4,535 bgs.
 Copper iod. (Jv.), 33 brls.
 Pot. chlorate (Swe.). 1,060 kgs.
 Pot. chloride (Antw.), 100 bgs.
 Soda bichrom. (U.S.), 58 cks.
 Soda chlorate (Swe.), 250 cs.
 Tartar, (Sp.) 41 brls, (Fr.) 227 bgs.
Drugs, crude, etc.:
 Canagra (Mex.), 48 bgs.
 Ipecacuanha (Rio), 10 bls.
 Jalap (Mex.), 14 cs.
 Sarsaparilla (Mex.), 6 bls.
Gums, resins, etc.: not described (Port.), 21 cs. 7 bgs.; acacia (P. Sudan), 2,694 bgs.; copal (Antw.), 829 bgs.; resin (Fr.), 204 cks.
Linaloe oil (Mex.), 5 cs.
Liquid paraffin (N.Y.), 500 cs.
Petroleum jelly (U.S.), 260 brls.
Spices: Cloves (Zanzib.), 1,384 bls., (stems) 3,170 bls.
Waxes: Bees' (E. Af.), 81 bgs.; paraffin (U.S.), 1,508 brls.

Hull

(March 29 to 31).

Acetic acid (N.Y.), 966 brls.; arsenic (N.Y.), 20 kgs.; calc. nit. (Norw.), 500 cks.; formaldehyde (N.Y.), 223 brls.; petroleum jelly (N.Y.), 50 brls.; resorein (N.Y.), 12 cs.; soda biehrom. (N.Y.), 10 brls.; wax, paraffin (N.Y.), 519 bgs.; zinc oxide (N.Y.), 20 brls.

Manchester

(March 27 to 31).

Ammon. nitrate (Norw.), 41 cks.; calc. phosph. (U.S.), 64 pkgs.; soda nitrate (Norw.), 747 cks.; sulphur (U.S.), 6,381 bgs.; wax, paraffin (U.S.), 766 brls.

Southampton

(March 30).

Alcohol (Natal), 25 drms.; buchu (Cape). 6 bls.; essential oils (Fr.), 4 bxs.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Mercuric Potassium Iodide Tablets.

Sir,—I should like to correct an error which has occurred in transcribing the table in the article on "Mercuric Potassium Iodide Tablets" (*C. & D.*, April 17, p. 69). For example "D," the iodine figure, 35.50 c.c. was given for 1 gram; the correct figure should be 29.65 c.c. for the one tablet, from which the excess of iodide, as correctly stated in the table, is obtained.

Yours faithfully,
A. J. Jones.

The Council Election.

Sir,—I feel sure that there are many members of the Pharmaceutical Society who desire guidance as to whom they shall record their votes for at the coming election. In the multiplicity of candidates there is a great danger that Bloomsbury Square will come out triumphant. Give the same members a straight ticket, and we then may see. Victoria Veritatis. (19/4.)

Sir,—Now that the apothecaries' assistants by-law has been duly sealed and becomes operative, will the acceptance of candidates for admission to the Register of Chemists and Druggists be notified in any special way, and will their certificates be endorsed that they were granted without examination? I think, in fairness to those of us who have gained the diploma in the usual way, some of us by the expenditure of hard-earned savings and much late study, there should be some differentiation made in the form of certificate issued to unexamined candidates.

Yours faithfully,
Qualified by Exam. (17/9.)

An Early Easter.

Sir,—I have not had an opportunity of checking all the dates in "Jay Mack's" table of Easter weather given in your last issue (p. 80), but on glancing at it I realised that something was wrong with the first line of the table, as I well remember the fine, warm weather of that year's Easter in Kent, where the thermometer almost, if not quite, touched seventy degrees in the shade. By referring to the *C. & D.* for the year 1907 I see that Easter Monday (I presume that the table refers to the Mondays) fell on April 1, not April 20, as "Jay Mack" has it.

Yours truly,
Gandolf. (20/4.)

A Character Sketch.

Sir,—It is somewhat quaint to find it suggested that Mr. Rowsell is not a "forward-looking man" or a "man of courage." Those who know Mr. Rowsell—and they are somewhat numerous—would class him as a fearless and persistent Progressive, though fortunately possessed of that width of outlook which comes of intimate first-hand knowledge. "Xrayser II." (*C. & D.*, April 17, p. 65) says Mr. Rowsell "is a type of those with whom he stands, who are precisely the kind of representatives we do not want at this juncture." Also, "his mental attitude is retrospective." On April 6, 1918, "Xrayser II." wrote: "Mr. P. F. Rowsell deserves our warmest thanks for his speech before the Faculty of Insurance. . . . Such a declaration, so enforced, ought to secure us a representative on the Board of Health, and a proper share of work under it." It did secure for us such a representative in Sir William Glyn-Jones. Reading the two paragraphs side by side, one is rather led to believe that "Xrayser II.'s" opinions on his fellow-men are too unstable to form a really useful election guide.

Yours faithfully,
F. Southerden.
Exeter.

The Outlook in the Drug-trade.

Sir,—This is the season of "Uplift," so I must brief; mere business must take a back seat until t Council election is over. Penny trade helps to pay f the lack of profit on some patents; it is good policy, a is welcomed by parents of big families, just as all of are glad to get once more a penny box of match "Yorkist" sighs for reform of the Pharmaceuti Society! If real reform were to be carried through, t councillors would have to climb a tree and pull the t up after them in order to save their lives. Reform w come slowly and by pressure from without, not fr within the Society. "Masaid" appears to have t trade union taint of the bad old kind which involv "ca' canny." He clearly does not want responsibil or he could soon arrange to buy a business. Perhaps sees that he would then have to carry two or three c vinced trade unionists on his back instead of being carr as he seems to be at present. He saved 150*l.* in th years, yet cannot save now. Why, my first three ye savings (after two years wasted) scarcely reached 100*l.* 3*l.* 10*s.* a week, so let him try again, and harder. "N saver" wonders why Wolff and Mack should both ag that it may sometimes pay better to do less trade. Sn private drug shops cannot be guided by the policy Selfridge or Whiteley in centres like London. Doct accounts and hospital contracts don't pay because t need experienced men to do the work and are at a price. National Health Insurance Dispensing only p if you get, say, 100 prescriptions a week, which y ordinary staff can do; 200 makes you neglect other tra 300 needs a really experienced man, yet his salary scarcely be paid on less than 400, so that it pays bette have 100, and many chemists are finding it out to-d The Blackpool Association declared in 1914 that it we not then pay for qualified labour, and we are only slo getting back to the 1914 prices without discounting n "The chemist had indeed been sold, the doctor took lot," said the *C. & D.* in 1912, and not only took the but Dr. Salter, Bermondsey, and his medico-polit union, were instrumental in taking 1914 prices from and paying us a price which represented "a perma discount in England and Wales," as Peter MacEwan at that time. Mr. Johnson's letter is a welcome sig common sense. We are making haste too fast, an manager's point of view is a master's, as he says. drug-trade needs a special type of man who cannot w alongside of his employer except in friendliness; his r must be at rest, otherwise the public are in danger cannot be compared to factory workers, because rarely ever start a factory of their own, whereas the manager nearly always does so. To succeed either manager or a master he needs to be a man who "hi the public phansi," as the tobacco advertisement ha Such men will always get big wages, and where the big trade they are needed and must be employed. are highly efficient, and can make others work too or less willingly), which is anathema to the ordinary unionist who quotes or misquotes and twists sayings that of William Morris, "No man is good enough another man's master," yet when the ordinary m made a foreman he is often tyrannical. Didn't son the boys see that domineering spirit in many of the corporals and sergeants? Morris was not a Bolsh and had no experience of the ordinary slacker of and doubtless meant that no freeman who does his well should be tyrannised over, and we all agree. daily we see a lot of perfervid piffle served up by newspapers to bolster up certain causes simply be there is no proper censor and freedom is taken adva of. Brother Bolshevik in Russia has found a mast Lenin all right, and, let me whisper in your ear English working man is being taxed to-day to pa interest on the loans which Russia has repudiated a of the Bolshie doctrine! Just in the same way as us are rated in every town for the acts of those peopl fail to pay their rates or who smash up property the town has to make good. Think that over for a r or two.

Yours truly, Jay M

Profits on Proprietaries.

ir,—Retailers, and apparently wholesalers, complain o the inadequate profits allowed by manufacturers for h dling proprietary articles. Wholesalers, acting in u son, are increasing their profits at the expense of the n gre profits of the retailer. The position of the r iler grows worse, and yet nothing is done, and for th simple reason that the retailer has no effective o nisation. May I mention a few facts and make su estions?

he Retail Trade.—Profits on most lines are inadequate, a on many lines less than the cost of handling. Pro- p tary Articles Trade Association profits (20 per cent.) w far too small in pre-war times, but now, with in eased overhead expenses, they are no use whatever. Th retail representatives on the P.A.T.A. have no or nisation at their back, and consequently have not ca ed weight at the council-meetings. Most retail trades to ay, other than those supplying foodstuffs, require a r t of 33⅓ per cent. on turnover, and get it. Patent m cines bought through wholesalers should show a profit f 3½ per cent. on sales and proprietary foods 25 per e on sales. Face value is a delusion unless profit is e ed. Neither the medical associations nor the Law A ciation consider it below their dignity to deal ade- u ely with the question of fees. Why should the Phar- m utical Society think otherwise? The present Society is rse than useless from a business point of view, for p pedes real business organisation. Local associations h d be thoroughly overhauled and placed on a solid u ess foundation. They should be linked up into u le divisions, so that delegates from each association c conveniently attend divisional meetings. Divisions n d be grouped into areas (say six), and delegates from t areas should form a council, which should elect an e tive committee. A strong executive committee, with the rganised retail trade behind them, would be in a s on to see the retail chemists' interests were respected. h annual subscription to the local associations should be iform, and sufficiently high to meet the expenses of e whole organisation. Delegates' expenses should be pai

C operation.—A strong retailers' association having bee formed, the three sections of the trade would be wel rganised, for the manufacturers and wholesalers are a ly efficiently organised. Let the executive com- mit es of the three associations form a combined council and o into the whole question of profits in a spirit of g ill and co-operation. I would point out that what ou s in all departments of trade is average profits. A few nes with good profits and many lines with meagre pro s mean a low average profit. The manufacturer who is es sible for meagre profits to the retailer and wholesaler is ing unjustly to the whole trade. He is making exces- ve rofits at the expense of the other sections of the trade, nd e is acting unfairly to the manufacturer who gives ir rofits, in that he relies on the higher profits on hei goods to make up for the deficient profits on his. de the cause of lack of goodwill in the trade, with- ut ich no trade can be harmoniously carried on.

P Remedy.—Let the manufacturers who are giving, nd ho are prepared to give, fair terms to the dis- rib ng sections of the trade form an association from hic other manufacturers are debarred so long as they ers in their unfair terms of business. Let the execu- ive mmittees of this association, of the wholesalers' sso tion, and of the retailers' association meet at a mb ed council and fix fair trade terms for all con- ern . Let the wholesale and retail associations agree ise to handle proprietary goods of manufacturers utsi the friendly manufacturers' association. Let the ien y manufacturers' association refuse to supply their od to any wholesaler or retailer who does not come to e agreement. The wholesaler and retailer who e n nbers of their association would by such an arrange- ent nly stock those goods which showed a fair profit, td ery retailer and wholesaler not a member of their spe ve associations would have to decide whether he ould become a member or deal only in the unprofitable nes. He would have no hesitation in coming to a decision, for no patent-medicine trade could be carried on with success on the unprofitable lines only. The multiple shops and stores are all faced with the question of increased overhead charges, and are dropping, to a large extent, their cutting policy. There is little doubt that the chief of these would be willing to work in such an agreement, and others would think twice before they were cut off from supplies of the profitable and chief proprietary lines. Such a scheme would produce a spirit of goodwill and co-operation among the three associations, and would assure fair profits all round. The friendly manufacturers would reap a huge benefit, for the retailer, assured of his profit, would push the sales of the friendly manufacturer's goods and give him all the advantages of display. That must be a point of honour with the retailer. If any pharmacy in the country were an active agent for the sale of the friendly manufacturers' goods the sales of those goods would increase tremendously. The manufacturers who kept outside the friendly manufacturers' association would be driven out of business, for the usual channels of distribution would be denied them. The success of such a scheme would be dependent on a strong association of friendly manufacturers and an effective retail organisation. Organisation and co-operation are the key to the whole question. Until the retail trade is efficiently organised the retailer is asking for trouble, and deserves to get it.—Yours truly,

Pharmico. (20/4.)

A Managers' Federation Wanted.

Sir,—Referring to Mr. Johnson's letter (*C. & D.*, April 17, p. 79), I fancy the general sentiment will be against any addition to the present list of unions and amalgamations. I have no doubt your correspondent is nearly right in regard to his figures, especially in respect of the National Association of Chemists' Assistants—50 per cent. earnest workers, the rest nondescript. My own prophecy in regard to the N.A.C.A. has been fully realised. I am still wondering, however, what sort of support they are likely to prove to the Amalgamated Society. Very little, I fear. If I know anything of company men, it is a near thing that about half of them would be prepared at any time to "play booty" with the rest. Your correspondent makes out a *prima-facie* case for the manager, but is it clear that the manager's estimate of himself is that held by the Central Executive? How can it possibly be so when the atmosphere is so different? The attitude of the pharmacy-trained man is well known, and his personal interest in things notorious; but the Central Executive is not pharmacy trained. It may be convenient to have Mr. A. at Puddenhead, say, but Mr. Z. would do as well, and the interest the office takes in the branch is not that of the manager in charge. All the little pharmaceutical niceties and amenities and old-time customs of Mr. A are harmless and quite beside the point. If they become a nuisance, as they may do, Mr. A is got rid of. The Executive, being more accustomed to accountancy than prescriptions, takes an altogether different view of things. Mr. A is merely worrying himself unnecessarily. The Executive is well able to look after itself; is insured against everything but the act of God—and even that is discounted. The Executive can put its finger on the pulse of Mr. A's branch and can take its temperature at any time, so that, as a fact, all Mr. A's little eccentricities turn out mainly for his own delectation. Neither need he worry or plume himself on his 10*s*. rise.

Yours truly,

Cognoscentia. (20/4.)

Subscribers' Symposium.

Coloured Smelling Salts.

J. G. N. (13/4), referring to the reply to a correspondent in the *C. & D.*, April 10, p. 80, writes: Eosin makes a beautiful red fluorescent colour.

Depilatory Wanted.

Alpha (13/4) asks: Will someone kindly recommend a safe and efficacious depilatory to remove superfluous hair from a lady's face? If electrolysis is preferable, please say where it can be done.

Legal Queries.

V. H. H. (17/4.)—In income-tax returns the income from National Health Insurance Dispensing is not treated any differently from any other source of income, in arriving at the profits of your business.

W. M. (3/3) recently noticed in the same issue of a newspaper two advertisements, by house agents, offering for sale premises which he thought might suit him. In the one case the price mentioned was 1,250*l.*, and in the other case 1,000*l.* Upon following the matter up he discovered that both advertisements related to the same premises, which, however, did not suit him. One of the agents stated that had a sale resulted he would have looked to "W. M." for commission. What would "W. M.'s" position have been had he wished to purchase the property? ["W. M." would presumably have bought the premises from the agent who was prepared to accept the lower prices; but he would not have been liable to pay commission to either unless he expressly agreed to do so.]

Junior (19/4) was recently asked to make up a prescription for a cow. One item in the prescription was turpentine, and, reading the quantity as 20 oz., he dispensed that quantity. The prescription, which was written out by a cowman, has since been lost; but the owner of the cow maintains that the quantity of turpentine specified was 2 oz. "Junior" was not informed whether the prescription was to be taken internally or used as a lotion. A dose was given to the cow on a Friday, repeated on the following day, and the animal died on the Monday. The owner of the cow now threatens an action for damages; do we consider that "Junior" is under any liability?—[We do not consider that "Junior" would be ordered to pay damages unless it can be proved that the prescription stated a less quantity of turpentine than that dispensed by him, and that the death of the cow resulted from the error.]

W. H. S. (12/4) was last November for the first time asked for and made an income-tax return. About a month ago the surveyor of taxes asked for a return of the income for the previous three years. This was given, and now the surveyor asks for a return of the business profits from 1913 to 1919 inclusive. These figures are: For 1913, 222*l.*; 1914, 309*l.*; 1915, 274*l.*; 1916, 341*l.*; 1917, 413*l.*; 1918, 589*l.*; 1919, 612*l.* "W. H. S." wishes to know whether the surveyor can in these circumstances claim income-tax for any of the back years, and also whether there is any, and if so what, liability for excess profits duty. [The surveyor can claim income-tax for the three years prior to April 5, 1919—that is, for the years 1918-19, 1917-18, and 1916-17. As to excess profits duty, taking the income for 1913 as the pre-war standard of profits—that is, the profits in the business year which ended last before August 4, 1914—there is no liability to excess profits duty, as the profits made are more than covered by the allowances which have to be deducted.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. S. A. (30/3).—Resorcin Stains.—Citric-acid solution (1 in 30) is generally efficacious in removing resorcin stains.

G. & K. (20/3).—Lithographers' Paste.—This contains glue and tragacanth, and you should be able to match the sample after a few experiments.

E. V. Z. (12/4).—Sulphonated Oil.—See *C. & D. Diary*, 1919, p. 91, where a method of making is given in detail.

R. P. (8/4).—Registration of Apothecaries' Assistants.—See *C. & D.*, February 21, p. 60.

Volens scire (5/4).—Optical Journals.—"The In tute Journal and Optometrist" (Staple Inn Buildings, E born, London, W.C. 1); "The Optician and Scientific strument Maker" (Hatton Press, Ltd., 123-5 Fleet Stre London, E.C. 4); "The Dioptric Bulletin" (British (tical Association, Clifford's Inn Hall, London, E.C. 4)

B. E. H. (14/4).—The formulas of the British Pharm copœia transposed into Imperial weights and measu are given in *The Chemist and Druggist Diary*, 1915.

W. E. M. (8/4).—Alcoolat de Citrons Composé the French Codex is eau de Cologne. The following the formula:

Bergamot oil	10 parts.
Lemon oil	10 ,,
Rosemary oil	2 ,,
Portugal oil	10 ,,
Orange-flower oil	2 ,,
Spirit (90°)	1000 ,,

Saponin (19/4).—Cloudy Ammonia.—The production a silky cloud and its suspension depend upon the amo of lime in the water. Martindale ("Extra Pharm. pœia") recommends the following proportion:

Castile soap	1.3
in	
Tap water	60
Add	
Strong solution of ammonia	27
Lime water	0.6
and	
Water to	100

H. C. W. (16/4).—Pyorrhœa is an infection of alveolus of the teeth, and in the incipient stage is re nised by the recession and inflammation of the g After the disease develops the gums bleed easily and is present, and when far advanced the teeth become l and there is profuse suppuration. The treatment sists in scaling the teeth, keeping them scrupulously and using the following mouth-wash:

Thymol	gr. j.
Rectified spirit	9 ß.
Hydrogen peroxide (10 vols.) ad	℥iv.

A teaspoonful, with a tablespoonful of warm wate be used night and morning.

Retrospect of Fifty Years A

Reprinted from "The Chemist and Druggist," April 14, 1

Prescribing Druggists.

A correspondent writes: "As regards prescribin druggists, I think I may safely assert that they do not to prescribe. For many reasons they would rather dis medical prescriptions than prescribe themselves. then, do they prescribe? The principal and the only factory reason is that the public require them to pres Trifling cases of illness are continually occurring, and s doses of medicine are required where the public wil incur the charges for medical advice; and if the dru were prohibited from prescribing the only result wou that the public would begin to study domestic me and prescribe for themselves. Cases of emergency necessity also occasionally take place, where it is as the duty of the druggist to render his assistance as the duty of the captain of a ship at sea to avail hims his medicine chest. In fact, the druggist is a public venience, and as such his position should be maintaine improved. If any change is made as regards prescribi druggists, it is probable that the public would wish not to give up the practice, but to qualify themselves for it. A lecturer in London recently recommende admission of women to the medical profession on the g that the poor will never be properly attended to they are admitted. I beg to suggest that chemists and gists may be made quite as useful to the poor as practitioners can be; and the poor will prefer their s for many reasons."

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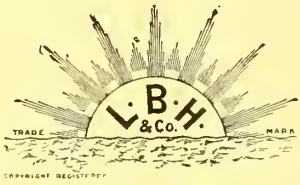

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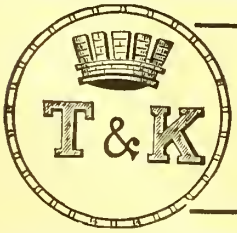

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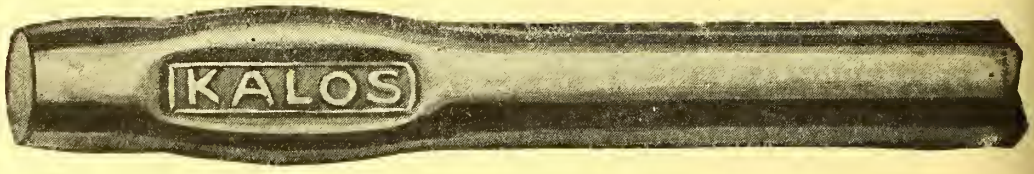

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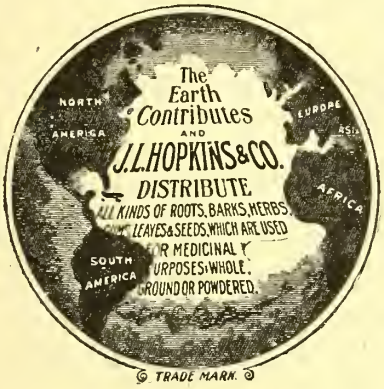

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Methylsulfonal (Trional)
Nucleinate of Silver (Argyrol)
Pilocarpine and Salts
Proteinate of Silver (Protargol)
Quassine
Salicylate of Bismuth
Salicylate of Methyl
Salicylate of Naphthol
Salicylate of Soda
Salicylate of Soda and Theobromine
Sparteine and Salts
Sulphoguaiacolate of Potash
Diethylsulfonedimethylmethane (Sulfonal)
Terpine
Theobromine
Veratrine and Salts
Tribromophenate of Bismuth (Xeroform)

Quality Unsurpassed. *Guaranteed Own Manufacture.*

C. Fr. MALMBERG

Aktiebolag.

GOTHENBURG, SWEDEN.

able Address—"Carlfred." *Codes—Western Union; ABC, 5th Edition.*

mporters of Fine & Heavy Chemicals, Oils, Waxes, etc., or Glassworks, Potteries, Leather and Textile Industries, Soap and Chemical Manufacturers, the Mineral Water and Confectionery Industries and Retail Druggists.

Offers solicited. Representation and sale of British products in this line wanted.

ORTHO - OXYCHINOLINE SULPHATE

"SUPEROL"

Registered Sale Name.

In Powder, Granulated and Tablets.

A MOST EFFECTIVE NON-POISONOUS ANTISEPTIC AND DISINFECTANT.

SOLE MAKERS:

Vereenigde Chemische Fabrieken

(United Chemical Works)

AMSTERDAM.

Also Manufacturers of the following—

Potassium Oxychinoline Sulphate, Neutral Sulphate of Ortho-Oxychinoline cum Sulphate of Potassium, Anaesthesine, Terpinhydrate, Terpineol, and Phosphate of Ammonia.

Write for Samples and Quotations from the Sole Agent for Chemical and Pharmaceutical Products,

K. RAYMENT, 2 Broad Street Place

LONDON, E.C. 2

Telephone: 4688 London Wall.
Cables & Telegrams: "Oleowiks, Ave. London."

"Milk of Magnesia"

(Registered Trade Mark)

P.A.T.A.

1/3 size	- - -	11/- per dozen.
2/6 ,,	- - -	22/- ,,

Special Terms for 3, 6 or 12 dozen lots.

"Phospho-Muriate of Quinine"

3/- size	- - -	27/- per dozen.
5/- ,,	- - -	48/- ,,

THE CHARLES H. PHILLIPS CHEMICAL CO.,

14 HENRIETTA STREET,
COVENT GARDEN, W.C. 2

Phone: GERRARD 275.

Telegrams: "MILKOMAG LONDON."

New English Digitalis Leaves,

COLCHICUM CORMS,
COLCHICUM SEED,
WHITE BRYONY ROOT,
BLACK BRYONY ROOT,
SLOES, &c.

For prices and particulars apply—

FLEMONS & SONS,
Herb Merchants - - DUNSTABLE

BUSINES BRINGIN BLOCKS

Business-Bringing Blocks like the above (R. 209 A., 4/-) will increase the interest in your Photo Ads. Send for a selection of Photo Advert. Illustrations available for your district.

CHEMISTS' DESIGN SERVIC
12 HUMBERSTONE GATE, LEICESTE

WHOLESALE TRADE ONLY.

Established 1900.

DR. B. W. GATHERGOOD'S EXOR.

Terrington St. John, WISBECH

For GREEN EXTRACTS and DRIED HERBS of BELLADONNA, HENBANE, &c.

SYRUP

ROBORANS

(ROBERTS)

Recognised by the Medical Profession as THE BEST TONIC.

IN 8 AND 16-OZ. BOTTLES OF ALL WHOLESALE HOUSES.

ROBERTS & Co.

Pharmaciens,

LONDON. 76 New Bond St., W. AND PARIS. Rue de la Paix, 5.

ROBERTS & CO.

INVITE INQUIRIES

For NEW & RARE

MEDICINES OF FRENCH ITALIAN AND RUSSIAN ORIGIN.

PRICE LIST sent on application.

HEALO SKIN OINTMENT.

TRADE MARK REGD

P.A.T.A.

CARRIAGE PAID BONUS ORDER.

	Costs	Sells for
6 doz. 1/3 @ 11/6	£3 9 0	£4 10 0
Less Window Show Allowance	0 5 0	
	£3 4 0	
BONUS—1 doz. Free...		0 15 0
		£5 5 0

Sells for ...	£5 5 0
Costs... ...	3 4 0
Profit	£2 1 0

=64%

ATTRACTIVE SHOWCASES, WINDOW BILLS, CARDS and FREE SAMPLES.

MAURICE SMITH & CO., LTD.
Manufacturing Chemists, Kidderminster.

ORILENE CAPSULES & CAZO TABLETS

are now being advertised in an extensive manner in Great Britain and the Colonies.

The Public will want them, and it is bad business to send a customer to a rival shop for anything.

The profit on the retail sale is worth having—and keep your customer.

SOLE MANUFACTURERS:

. J. LITTLE CO., 37/38 HATTON GARDEN, LONDON, E.C.1.

Old-fashioned way of giving a Headache Powder.

CACHETS

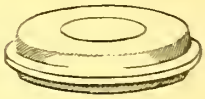
are the best vehicles for giving medicines in powder form. They dissolve immediately they are taken and the drug is set free at once.

The new clean way by means of Cachet.

MORSTADT SERIES

Special quotations for quantities.

FRENCH SERIES



4/- per 1000, all sizes of both series.

Printed or coloured Cachet, 5 - per 1000. 5,000 is the smallest order for "Own Name" Printing.

Cicero S. Clark, 12 Richmond Rd., Bayswater, W.2

NOSTROLINE

TRADE MARK REGD. N.379.

NASAL SPECIFIC

Look to your Stock!

Place orders without delay direct or through Wholesale.

Protected at face value, 1/3

Price: 1 doz. 11/9, 3 doz. 33/9, 1 gross 135/-

Carriage Paid. Terms: Cash Net.

"NOSTROLINE"
Prevents and Cures
COLD IN THE HEAD.
NASAL CATARRH,
HAY FEVER ETC.
Protects against Infection.

OVERSEAS CORRESPONDENCE INVITED

HAROLD E. MATTHEWS & Co.
CLIFTON, BRISTOL.

P.A.T.A. NOTICE.

113 Temple Chambers, E.C.4.

April 24, 1920.

The following revised prices are now in force:

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
			doz.
2/-	Bengue's (Dr.) Balsam, stamped	2/-	18/-
2/-	" " unstamped	2/-	13/6
3/9	" " stamped	3/9	33/9
3/9	" " unstamped	3/9	24/9
	Evans, Gadd & Co's. Preps.—		
1/-	Pasmore's Liquid Furniture Gloss	1/-	8/-
1/9	" " "	1/9	13/6
1/9	Confellax	1/9	14/-
3/-	"	3/-	24/-
5/-	"	5/-	40/-
7/6	**Kolynos Liquid**	7/6	57/6
	Lysol Ltd.'s Preps.—		
1/-	Lysoline (Hair Tonic)	1/-	8/-
2/3	" "	2/3	18/-
7/6	Lysol, "L" Brand, ½ gall.	7/6	66/-
12/6	" " 1 gall.	12/6	114/-
1/9	**Mellin's Food** small bots.	1/9	16/9
3/-	" " large "	3/-	28/9
3/9	" Lacto-Glycose	3/9	36/-
3/6	" Food Biscuits	3/6	33/6
	(Less 2½% discount on 3-doz. lots for cash in 10 days).		
1/3	**Sister Lauras Food**	1/3	11/6
3/3	" "	3/3	30/-
1/9	" Feeding Bottle	1/9	16/-

NOTA BENE

In consequence of numerous complaints of the delays in getting special orders for our goods executed, causing much annoyance to both the retailers and their clients, we have decided to send, *carriage free*, all orders amounting to five shillings *net* and upwards.

Our 1/- Tinctures and Pilules are now

4/6 per dozen

less 10 per cent. monthly account.

AND WE HAVE ALSO

1/6 size (double the 1/-) at 9/- per dozen, and
2/6 „ („ „ 1/6) „ 18/- „ „

less 10 per cent. as above.

These latter are now much in demand, and in the commonest medicines much appreciated by clients.

All orders sent direct to us will receive our prompt and careful attention, and in every case, where possible, the goods will be sent by return of post. Send us a trial order.

LEATH & ROSS, *Homœopathic Chemists,*

295 High Road, Brondesbury, London, N.W. 6.

MAY WE SEND LOCAL INQUIRIES TO YOU?

Sphagnol

OINTMENTS and SOAPS

THE LIBERAL TERMS WE OFFER

together with

Samples and full particulars will be sent by return to every Chemist

Doctors are prescribing and Nurses using SPHAGNOL in the treatment of ECZEMA, ACNE, SCABIES, HÆMORRHOIDS, SEPTIC WOUNDS, and the Public is recognising the value of SPHAGNOL in the treatment of other forms of Skin Irritation and Inflammation.

WILL YOU ALLOW US TO FILE YOUR NAME AS THE SUPPLIER FOR YOUR TOWN?

PEAT PRODUCTS (SPHAGNOL) LTD., 19 QUEENHITHE, UPPER THAMES ST. LONDON, E.C.4

D.D.D. Prescription

FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of about 25%

TRADE PRICES.

			per doz.
D.D.D. Prescription	3/- bottle,	M.R.P. Face Value, @	27/-
„ „	5/- „	„ „ „	47/-

In two strengths Ordinary and Strong.

			per doz.
D.D.D. Soap	1/3 tab.	M.R.P. Face Value, @	10/-
„ Shaving Soap	1/6 stick	„ „ „ „	13/6
„ Vanishing Cream	2/6 jar	„ „ „ „	22/6
„ Shampoo Powders	2/6 box	„ „ „ „	22/6

Carriage paid to any part of the United Kingdom.

Showcards &c. Supplied Free.

D.D.D. Co., Ltd.

3,5,7 Fleet Lane, Ludgate Circus, London, E.C.4

LIQUID BARKOLA COMPOUND

Wholesale 30/- per doz., Retail 3/- each.

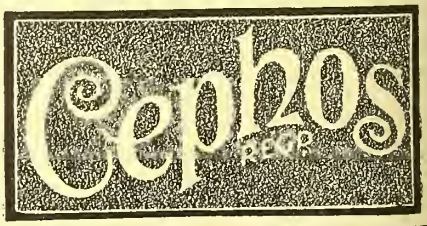
Each bottle (1 oz.) carries instructions to the chemist to make up to the following Standard Formula—

Liq. Barkola Comp., 1 oz.; Tincture of Gentian, 1 oz.; Syrup of Rhubarb, 1 oz.; Syrup of Ginger, 5 oz.

Chemists charge according to their own scale for dispensing

THE BARKOLA CO., LTD., 42 Great Dover St., LONDON, S.E.1.

Proprietors of Barkola Alvexo, Barkola Balm, &c., &c.



For NEURALGIA, HEADACHE, RHEUMATISM and INFLUENZA.

Write for wholesale terms to

CEPHOS LTD., Blackburn, Lancs.

ÉTABLISSEMENTS CHATELAIN,

2 & 2 bis RUE DE VALENCIENNES, PARIS.

Sole Manufacturers of

JUBOL

RE-EDUCATION OF THE INTESTINE.

Constipation, Enteritis, Hæmorrhoids, Indigestion, Skin Blemishes, &c.

Price 5/- per box.

GLOBÉOL

POWERFUL BLOOD TONIC.

Anæmia, Nervous Exhaustion, General Debility, Tuberculosis Convalescence, etc.

Price 5/- per bottle.

PAGÉOL

POWERFUL URINARY ANTISEPTIC.

Cystitis, Prostatitis, Catarrh of the Bladder, Renal Tuberculosis, etc. etc.

Price 5/- and 11/- per box.

JUBOLITOIRES

SCIENTIFIC SUPPOSITORIES

For Hæmorrhoids, Rectitis, Anal Fistula, etc. Anti-hæmorrhagic, Sedative, De-congesting.

Price 5/- per box.

URODONAL

POWERFUL URIC ACID SOLVENT.

Rheumatism, Gout, Arterio-sclerosis, Stones, Gravel, Sciatica, Neuralgia and all Uric Acid disorders.

Price 5/- and 12/- per bottle.

VAMIANINE

New Scientific Preparation for Chronic Skin Affections, Psoriasis, Eczema, Acne, etc.

Price 11/- per bottle.

SINUBÉRASE

SCIENTIFIC PREPARATION OF LACTIC FERMENTS.

Indicated in Intestinal Disorders, Dysentery, Diarrhœa, Dyspepsia, Enteritis, Typhoid, Skin Eruptions, etc., etc.

Price 5/- per bottle.

FANDORINE

Metrorrhagia, Dysmenorrhœa and Lactation, Pains, etc. etc.

Price 5/- and 11/- per bottle.

GYRALDOSE.

Antiseptic for local Gynæcological use.

Price 4/- per box (powder)
" 5/- " (tablets)

FILUDINE

SPECIFIC FOR THE LIVER.

Malaria, Diabetes, Cirrhosis, Sluggish Liver, Tuberculosis, etc.

Price 11/- per bottle.

Heppells

BRITISH AND COLONIAL AGENTS—
Pharmacists & Foreign Chemists, 164 Piccadilly, LONDON, W. 1.
Telegrams: "URODONAL LONDON." Telephone: Regent 192.
AUSTRALIAN AGENT: Mr. BASIL KING, Malcolm Buildings, Sydney, N.S.W
INDIA (SUB-AGENTS): G. ATHERTON & CO., 8 Clive Street, Calcutta.

Stocked by all Wholesalers. *Now being largely advertised.*

Never be without

ZI-ZI OINTMENT

On the P.A.T.A.

The genuine remedy for
ECZEMA, CUTS, BRUISES, SORES, BURNS, PILES, PIMPLES, BAD LEGS, SORES on HEAD, CHAPPED HANDS and ALL SKIN TROUBLES.

Liberal Terms to the Trade.

Apply to your Wholesaler or to

The "ZI-ZI" CO., Newmarket.

Advertising matter free on request.

SAPONINE

(SOLUBLE)

Special Terms to Wholesalers and Large Consumers.

MANUFACTURED BY

C. W. FIELD, LTD.,
Cambrian Mills - - Liverpool.

Kay's Compound Essence of Linseed,

"LINSEED COMPOUND"

(Regd. Trade Mark).

For COUGHS and COLDS.

On the P.A.T.A. List.

"KAY'S TIC PILLS."
"MOUNTAIN FLAX PILLS"

Linum Catharticum (Regd. Trade Mark).

"COAGULINE" & "TENASITINE" CEMENTS.

"ORBITE"

Banding Material for Fruit Trees.

BIRDLIMES, RATLIMES, and FLYGUMS.

Sole Makers :—

KAY BROTHERS LTD., STOCKPORT.

AMPLE SUPPLIES now available of 1/3 and 2/6 sizes

SWAMP-ROOT

	Size	Retail	Wholesale
Prices:	**1/3**	**12/9 doz.**	**11/11 doz.**
	2/6	**25/6 „**	**23/9 „**

BONUS OFFER.—With minimum Wholesale Order of 9 dozen SWAMP-ROOT, small, or equivalent in value, 1 doz. SWAMP-ROOT, **small, free**, for displaying our goods with showcard matter.

Owing to the unprecedented demand both at Home and Abroad, we regret that we are temporarily out of stock of the large 5/- size of SWAMP-ROOT.

Never in the whole history of our business have we ever experienced such demand for our medicines. Our American Laboratories are working at full pressure, and we hope to be able to execute all orders for large size SWAMP-ROOT and other of our miscellaneous preparations in a few weeks from now. Until then we ask the kind indulgence of our friends and the Trade generally. ***Advertising Matter on Application.***

If you have no stock of SWAMP-ROOT, small or medium, order direct, and we will dispatch immediately, invoicing through your usual Wholesale House, for less than minimum wholesale order.

KILMER & COMPANY, Marylebone Road, LONDON, N.W. 1

Telephone: Paddington 3789. Telegrams: "KILSWAROOT LONDON."

AK. Co.

DOES A GOOD LINE NEED ADVERTISING?

FLU-MAL

Messrs. Flu-Mal Ltd. believe it to be an essential factor in the promotion of sales. However good an article may be, the public need telling about it. Messrs. Flu-Mal have already spent many thousands in advertising to the general public, and you have doubtless already been repeatedly asked for "FLU-MAL."

A further large advertising scheme is now being issued. ARE YOU PREPARED with Stocks of "FLU-MAL"?

Their preparation is a preventive of Influenza, Malaria and kindred complaints, and the public are being told repeatedly of the best method of combating influenza.

There is an excellent profit in selling "FLU-MAL," apart from which you can be certain that you are handing your customers a preparation which is a real preventive and certain cure for Influenza, heavy colds, malaria and kindred diseases.

"FLU-MAL" IS A PROVED REMEDY, AND HUNDREDS OF TESTIMONIALS HAVE BEEN RECEIVED.

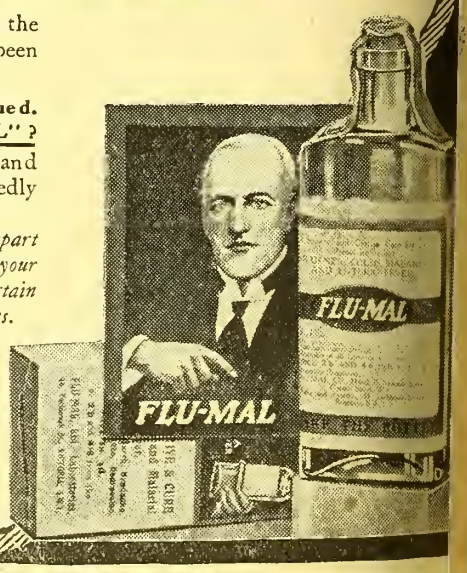
"FLU-MAL" is obtainable from your usual Wholesaler or direct from the Laboratories.

Retail Prices, 1/3 and 2/6, Extra Large sized Bottle, 4/6.

Write for particulars to—

FLU-MAL LTD., 44 Tachbrook Street, London, S.W.1.

Telephone: VICTORIA 7472.



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ADVERTISED

Zam-Buk

ALWAYS
SELLING

C. E. FULFORD, LTD., LEEDS.

IRISH ADDRESS:
16 D'OLIER STREET, DUBLIN.

SEE OUR SPECIAL ADVERTISING OFFER

MOTHER SEIGEL'S SYRUP

Our Special Advertising Offer.

On orders to the value of £5 and over, conditional upon settlement being made within 30 days from date of invoice, a discount of 5% will be allowed to dealers who undertake to make, within one month from receipt of goods, an effective Window or Counter Display of a portion of the goods, and of the small Showcards accompanying them. The goods will be sent carriage paid and packages free.

This offer makes possible a profit of nearly 30% on turnover, or about 10½d. on the sale of each bottle of Mother Seigel's Syrup.

Orders may be sent through your Wholesaler, or direct to us.

One Size Only.

Owing to the incidence of the Revenue Stamp duty, and the greatly increased costs of production and distribution, we found it impossible to grant adequate discounts to the Trade on the sale of the small size (1/3) bottle of Mother Seigel's Syrup. Accordingly, as previously announced, we discontinued issuing this size (1/3) in Great Britain on March 25, 1920.

Your Old Stock.

As the Face Value and Protected Price of Mother Seigel's Syrup is now 3/-, and you may still have in stock some bottles marked 2/9, we shall be pleased to send you, on request, a supply of gummed labels to adjust the price. State the number of bottles you have marked 2/9, and we will send you two labels for each bottle.

30% PROFIT • P.A.T.A. AND FACE VALUE

All our Proprietaries are now on the P.A.T.A. Price Lists on request.

A. J. White, Ltd., 35 Farringdon Road, London, E.C. 1.

BEECHAM'S PILLS

WHOLESALE PRICES.

Beecham's Pills:

1s. 3d. size	10s. 6d.	per doz. net.
3s. 0d. „	26s. 6d.	„ „
5s. 0d new size (contains double the quantity of 3/- box.)	50s. 0d.	„ „

Beecham's Cough Pills:

1s. 3d. size	10s. 6d.	„ „
3s. 0d. „	26s. 6d.	„ „

Orders: Minimum quantity £5 value—approximately. | *Packages FREE. Carriage PAID.*

These Prices are the lowest no matter what quantity is ordered.

TERMS: CASH WITH ORDER.

Cheques to be made payable to **THOMAS BEECHAM**, and crossed "Parr's Bank, Ld., St. Helens."

TWO SIZES ONLY.

DR. J. COLLIS BROWNE'S CHLORODYNE

Prices and Terms:

TRADE:

Minimum Retail Price	1/3	3/-
Price (*per dozen*)	12/3	30/6

Discount 5 per cent. on £1 worth, 7½ per cent. on £5 worth and upwards.

Packages charged at cost, and are not returnable. Carriage forward.

Terms: Cash with order. Most Wholesale Houses supply on equal terms, so please order with your other goods.

Dr. J. Collis Browne's Chlorodyne

is on P.A.T.A. Protected List, & must not be sold below the prices named above.

J. T. DAVENPORT, Ltd. Proprietors,
117 Union Street, London, S.E.1

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible B.P.
SALAD OILS
PETROLEUM JELLY, B.P., White and Yellow
TURPENTINE, American Spirits and Substitutes
CASTOR OILS, all grades
COLZA OIL, finest and burning qualities
ROSIN, all grades
LINSEED OILS, Raw and Boiled
MINERAL OILS, Bloomless "Lux" Brands
WHITE OILS, Slab and Commercial
LUBRICATING OILS of all descriptions

JAMES ARNOTT & SONS, Ltd., Newcastle-on-Tyne and Cardiff.
Registered Offices: 47 PILGRIM STREET, NEWCASTLE-ON-TYNE.

TECHNICAL AND MEDICINAL WHITE OILS.
PETROLEUM JELLIES.
PARAFFIN WAXES.
NEUTRAL OILS, Debloomed and Undebloomed.
PALE & RED LUBRICATING OILS
CYLINDER OILS.

W. J. SMITH, *SOLE EUROPEAN REPRESENTATIVE,*
THE JAMES B. BERRY'S SONS CO. Inc.
110 Cannon Street, London, E.C.4.

Wells' Removable Bung Pour
(PATENTED).

For emptying Casks without Pump, Tap or Stillage. Applied to and removed from any cask instantly. All waste and mess prevented. More rapid in action than a pump. Will fit any ordinary cask from 20 to 60 gallons.

Does not damage the cask.

A. C. WELLS & CO. 90 Midland Road, St. Pancras, N.W.1 **LONDON.**

PETROLEUM JELLY

ALL GRADES.

GUMS. WAXES. DEXTRINE.

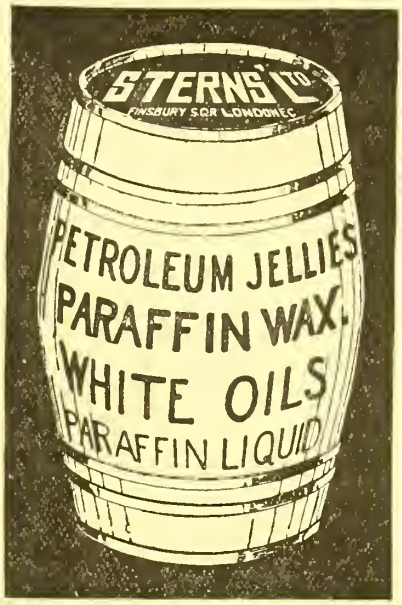
W. M. Kidston & Co., 43/45 Great Tower St., London, E.C. 3.

Telegrams: "KIDSTONISM, BILGATE, LONDON." Telephone: AVENUE 8057.

White & Half White Oils

WHITE PETROLEUM JELLIES
WHITE REFINED
PARAFFIN WAXES

HILTON, RIDER & Co. Ltd.
Manufacturers, Importers, Exporters
Tel No Hop 837 " 2829
T.A.: "Oilbird" Sedist, London
Gt. Suffolk House, Southwark, London, S.E.1



STERNS LIMITED
A.D.5., Royal London House, Finsbury Sq., E.C. 2.
Telephone: 3797 London Wall. (Four Lines.)
Telegrams: "Centumvir, Phone, London." (Two Words only.)

RUBY YELLOW
GREEN
BRILLIANTINE OILS

Any Quantity—from Stock.
Wholesale Only.

WM. BORTHWICK
1 and 2 Staniforth Place, HULL.
Telephone—Hull Central 4054Y (Trunk only).

OLIVE OIL GENUINE
and
OLIVE OIL SOAP

Leon Frenkel,
10 LIME STREET,
LONDON, E.C. 3

[2]

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible B.P.
SALAD OILS
PETROLEUM JELLY, B.P., White and Yellow
TURPENTINE, American Spirits and Substitutes
CASTOR OILS, all grades
COLZA OIL, finest and burning qualities
ROSIN, all grades
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MINERAL OILS, Bloomless "Lux" Brands
WHITE OILS, Slab and Commercial
LUBRICATING OILS of all descriptions

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Does not damage the cask.

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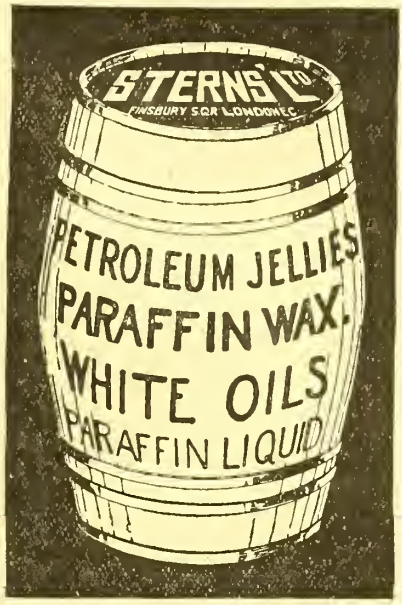
Gt. Suffolk House, Southwark, London, S.E.1



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RUBY YELLOW GREEN

BRILLIANTINE OILS

Any Quantity—from Stock.
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4 oz. Tins	1/-	8/-	net
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Packed for dispensing only, in 10, 22, 40 & 90 oz. bottles.

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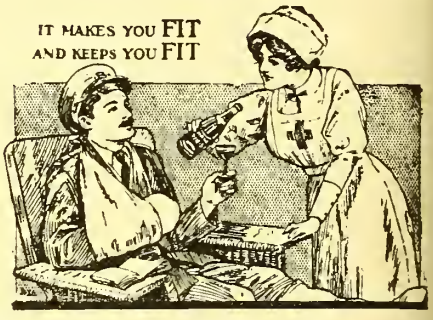

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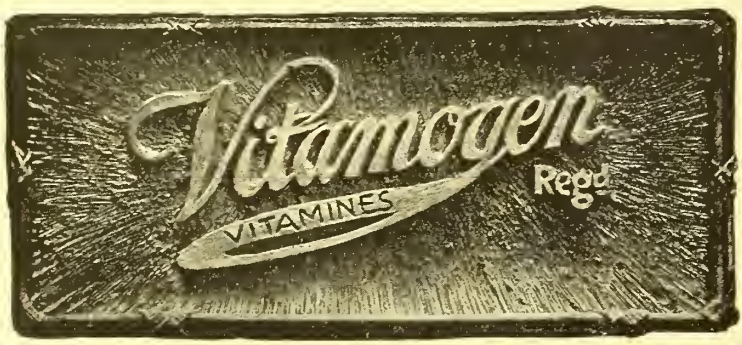

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A Granular Saline, sugar sweetened, pleasant, refreshing and effective.

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8/- per dozen tins.
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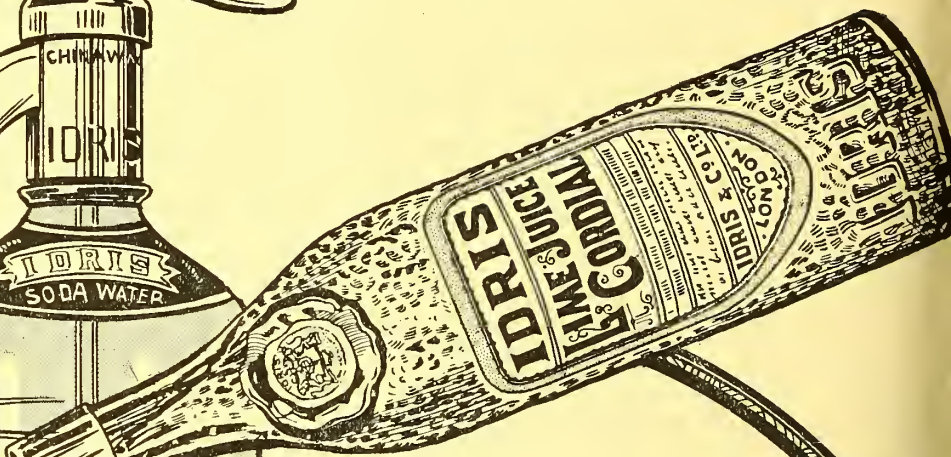

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"We are attractive alike to customer and retailer—we satisfy the former with an unexcelled beverage. This quality, along with the profit, will keep your till, Mr. Retailer, busy—very busy, and help to bulge your profit."

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For an outlay of £3 : 12 : 0
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All Corks sold under a money-back-if-dissatisfied guarantee.

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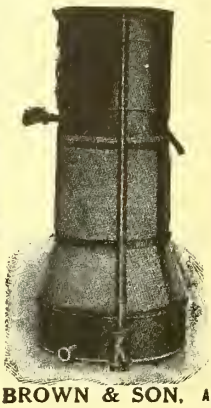

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[*See pp. 440-1, "C. & D." Diary, 1920.*]

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6" × 10"	5/6	7/1
7" × 10"	5/9	7/4
6" × 12"	5/10	7/6
7" × 11"	6/–	7/9
8" × 10"	6/3	8/–
7" × 12"	6/6	8/4
6" × 14"	6/6	8/4

Size	Minimum Wholesale Prices to Retailers	Minimum Retail Prices to Public
8" × 12"	7/1	9/2
9" × 12"	7/5	9/7
8" × 14"	7/8	9/11
10" × 12"	7/11	10/2
10" × 14"	8/11	11/5
10" × 16"	9/9	12/7
12" × 14"	9/11	12/8
12" × 16"	10/6	13/5

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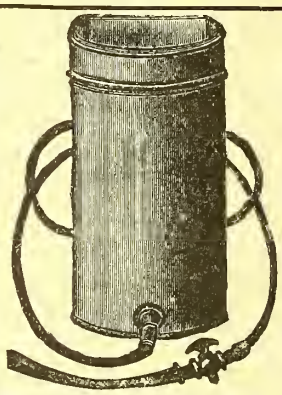

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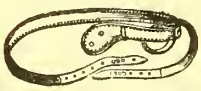
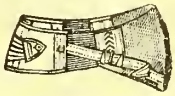
J. H. HAYWOOD, LTD.

CASTLE GATE, NOTTINGHAM.

INVENTORS OF SEAMLESS ELASTIC HOSIERY.

SURGICAL APPLIANCE MANUFACTURERS.





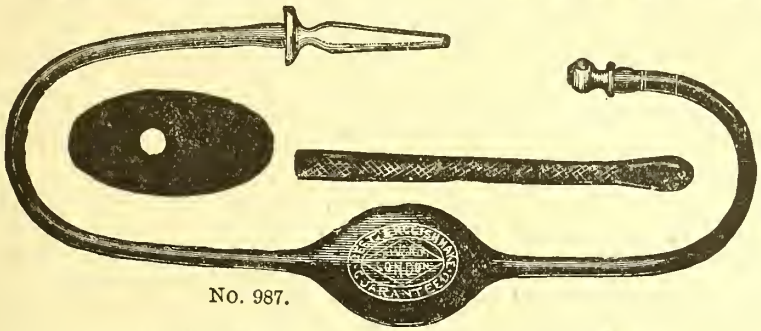
Specialities:

Abdominal Belts,
Trusses,
Suspensory Bandages,
Braces,
Elastic Web Bandages,
and Druggists' Sundries.

WRITE FOR PRICE LIST. ESTABLISHED 1833. TELEGRAMS: "APPLIANCE NOTTINGHAM."

SEAMLESS ENEMAS.

Per Dozen **29/-**



Per Dozen **29/-**

No. 987.

GUARANTEED FOR 2 YEARS.

	s.	d.
No. 987.—The "**B.E.M.**" (best English make) with bone rectal pipe, etc., complete in superior card box, per doz.	29	0
,, ,, in leatherette dome-top case ,,	32	0
,, ,, extra stout ball and tubes ,,	36	0
No. 988.—The "**Empire,**" black polished, complete in card box ... ... ,,	28	0
,, ,, in oval leatherette case ... ,,	31	0
SPECIAL LINE.—Stout unpolished red rubber, in card box ... ... ,,	33	0

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Bathing Caps, Belts, Catheters, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Splints, Sponge Bags, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.,

91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

For GUARANTEED

ATOMIZERS and SPRAYS

THE DEVILBISS CO., LIMITED,
71 NEWMAN STREET, LONDON, W.1.

BATHING CAPS

Rubber, Helmet Shape, Stockinette Band, 26/8 doz.
Circular 16/8 ,,
Fancy Patterns 14/-, 16/-, 21/9, 28/-, 31/6, 40/- doz.

GALEN MANFG. CO., LTD.,
Wilson Street, New Cross, London, S.E. 14.

KUTSEAL

THE HEALER

The Liquid Antiseptic Court Plaster

OF ALL CHEMISTS

SMALL BOTTLE POST FREE ON RECEIPT OF 1/3. FROM THE KUTSEAL Co. 133 CHURCH St. BLACKPOOL.

Wholesale Price **11/6** per doz.

Carriage paid on orders of 30/- upwards

2½ % discount for cash in seven days

SOLE MAKERS: The Kutseal Co. Blackpool.

LONDON AGENTS:
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VIALS

BEST WHITE FLINT

(LONG SHAPE)

2 dr.	packed in	10	gross	cases.	
½ oz.	,,	,,	20	,,	,,
1 ,,	,,	,,	20	,,	,,
1½ ,,	,,	,,	15	,,	,,
2 ,,	,,	,,	10	,,	,,

(approx. quantities)

Prices and terms on application.

Immediate Delivery.

THOS. SWALES

DRUGGISTS' SUNDRIESMAN,
24 Butts Court, and 89 Albion Street, LEEDS.

Why Demand is still Growing.

Demand for the Nestlé Feeding Bottle is still growing—and it is growing because it is superior to any other feeder on the market. Its many advantages are so evident that mothers, thinking of the safety and comfort of their babies, are insisting upon the Nestlé Feeder.

The teat and rubber valve of the Nestlé Feeder are made with inner rolls which automatically cling and cannot be pulled off by the child. There is not the usual danger of swallowing the teat as in many other feeders. Pure plantation rubber is used in the manufacture of the teat and valve. Colic is prevented by the rubber valve regulating the flow of air behind the milk. This valve also ensures a steady milk flow in accordance with baby's need.

The central base, tapering flat under surface of the virgin glass feeder enables it to be tilted to, and remain in, any desired position. This saves the time usually occupied holding the feeder. It holds more—the feeding capacity is 10 oz.—sufficient for any child at one feed.

NESTLÉ Feeding Bottle

Every part of the Nestlé Feeder, including box, is British made. Every Feeder is sterilised before leaving the factory.

The margin of profit to you is good and the turnover rapid. Write us for full details and current Trade Price List.

NESTLÉ'S (Advt. Dept.),
6-8 EASTCHEAP, LONDON, E.C.3.

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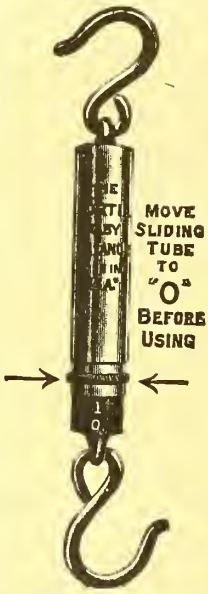


A Limited Consignment of
THE
"PORTIA"
(Regd.)
NET WEIGHT
Baby Balance
Weighs up to 15 lb.

Price	Retail
30/- dozen.	3/6 each.

Owing to restricted imports this line has been off the market for some time, and we think that many friends will be glad of the opportunity of renewing their stock.

SOLPORT BROS., Ltd.
184 to 190 Goswell Rd., London, E.C.1.
Obtainable through all Wholesale Houses.

The "EVERSAFE" BABY PACIFIER.

Patented Everywhere.

Present rates —

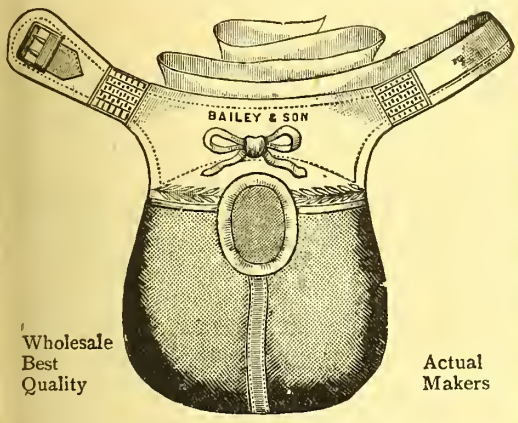
No.			
2	4d. line	2/9	doz
2C	6d. ,,	3/2	,,
2E	6d. ,,	3/4	,,
3	7½d. ,,	4/8	,,

Obtainable from all Wholesalers or direct from Patentees.

Sample Order, Three Dozen Assorted:
Send 10/6, post free.

F. SCHUTZE & CO., LTD.,
Black Bull Works, London, N.

BAILEY'S SUSPENSORY BANDAGES



Wholesale Best Quality

Actual Makers

Bottom Prices. A complete Register is kept for all repeat orders. Illustrated Price List Free. Correspondence Invited. Best Shipping Terms.

W. H. BAILEY & SON,
38 OXFORD ST, & 2 RATHBONE PLACE,
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WE OFFER FROM STOCK

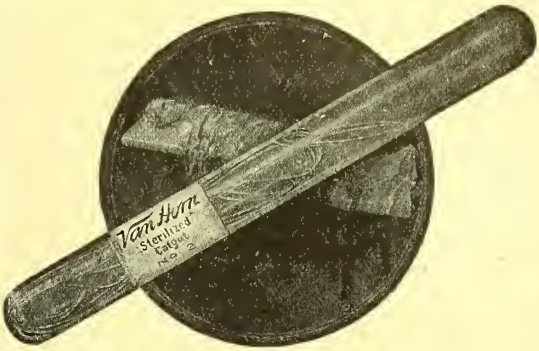
WHIRLING SPRAYS

Finest stout Rubber Ball and Vulcanite Mount. In Red Velvet and Red Enamel finish. Each in box.

54/- per dozen.
3-dozen lots and upwards,
51/- per dozen.

ARTHUR BERTON, Ltd.
15/17 WORSHIP STREET, E.C. 2.
LONDON, MANCHESTER and GLASGOW.
Telegrams: "Avbelim, Finsquare, London."
Phones: London Wall 507; City 998.

The thought behind the tube— "the patient on the table"



Not "good enough," but the best from every standpoint—alone assures that degree of "Catgut Safety" demanded when the patient on the table is "one of my own family."

Only on this peculiarly personal basis is

"VAN HORN" CATGUT

supplied to the Profession.

VAN HORN Obstetrical Suture
(Chromic Gut)

K-Y Lubricating Jelly
An Ideal Emollient.

K-Y Analgesic
The Greaseless Anodyne.

Johnson & Johnson,
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New Brunswick, N.J., U.S.A.

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"NORVIC" CRÉPE BANDAGE (Regd.)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages containing wool, will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

"Strength, Warmth and Elegance."

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S SILK MILLS), Norwich, Eng.

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London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C.2

4

Belladonna Plasters. Breast Plasters.

Attractively wrapped, best quality, readily saleable.

Breast Plasters are shaped and have small unperforated margin.

ZOPLA (Zinc Oxide Plaster) in small attractive tins in three colours.

Also on spools and in rolls. *The most popular Strapping.*

Strengthening, Corn and Bunion, Mustard, Rubber Adhesive, Holland Strapping, Plumbi Base, and all other Plasters.

HELVIA CRÊPE BANDAGES.

Write for complete List. WHOLESALE ONLY.

LESLIES, LTD., 62 London Wall, London, E.C. 2.

Mustard?

—Yes! **RIGOLLOT'S Mustard Leaves**

for Plasters.

The original and only genuine.

Of all Chemists and Stores in

7d. & 1/- packets & 1/7 tins.

67 Southwark Bridge, LONDON, S.E.

GOOD SELLING LINES, GOOD PROFITS, AND ABSOLUTE SAFETY IN STOCKING

"HOBSON'S CHOICE"

FEET PLAISTERS AND POWDERS

STOCK IS RETURNABLE AT ANY TIME, FOR ANY REASON, AND FULL PRICE REPAID.

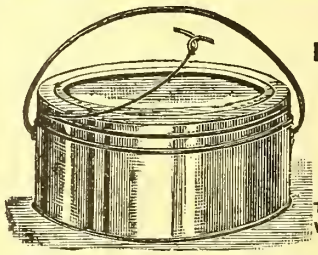
For Prices and Samples apply to

HOBSON, TRIMBLE & CO., LTD.

Union St., and Market, LEEDS,

or your own WHOLESALE HOUSE.

The Northern Tin Canister Works,



Patent Air Tight Slip-lid Tin For Export.

6 Mersey Street,

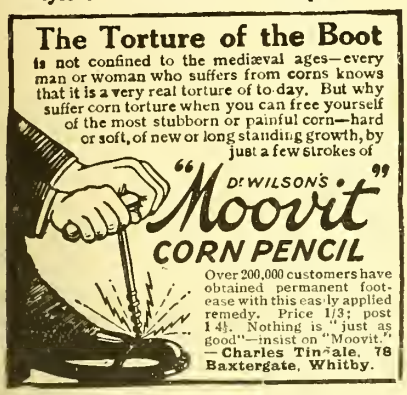
LIVERPOOL.

Manufacturers for the Chemical Trade.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Prompt Deliveries Assured.

Style of Advert. in Local Paper.



Your Business advertised FREE for 12 months

YOU can have your business advertised *free* for twelve months if you agree to take up a Sole Agency for "MOOVIT" Corn Pencils.

During the next few weeks we are going to appoint an Agent in every town in the British Isles, and we have decided upon the following offer.

If you send an order for 12 dozen "MOOVIT" Corn Pencils, we will make you Sole Selling Agent in your district, and we will insert an Advt. (as above—with your name thereon) in the local paper for 52 weeks. In other words, *you get twelve months' advertising FREE.*

And you do not require any special knowledge in order to successfully sell "MOOVIT" Corn Pencils, because our advertising in the Daily Press (together with the Advt. in your local paper, and your window display) makes the selling easy; and you get 5½d. on each stick you hand over the counter.

Twelve dozen "MOOVIT" Corn Pencils at 9½d. each cost £5/14/0, you sell them at 1/3 each, thus making a profit of £3/6/0. They are attractively packed in display boxes, with striking posters. dummies and advertising matter.

We guarantee to buy back any unsold Corn Pencils in your stock-room at the end of the twelve months if you feel you cannot dispose of them.

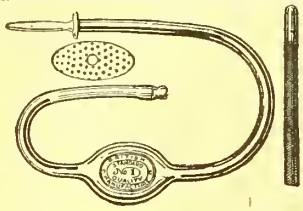
Isn't that a fair offer? Then send along your cheque for £5/14/0 NOW, before your competitor gets the agency.

Sole Manufacturers:

TALBOT WILSON

(Howard Stevens & Co., Ltd., Proprietors)

20 Highgate Road, LONDON, N.W.5



ENEMAS

Whirling Sprays and Surgical Rubber Goods of all descriptions.

Wholesale only. *Prompt delivery.*

Manufactured by

THE BRITISH RUBBER MANUFACTURES, LIMITED,

Offices: 161 New Bond St., London, W.1. *Works:* Agnes Works, Agnes Road, Acton, W 3.

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H. & W. GREER, LTD., Greer House, MOORFIELDS, LONDON, E.C.2.

RUBBER CORKS

IMPORTANT

It is not generally known that Corks made of Rubber are to-day 25% cheaper, are more serviceable, reliable, and give greater sealing facilities than any other kind. We specialise for the requirements of the Chemical Trade, and manufacture all standard sizes.

	Drab Ammonia Proof.	Drab Acid Proof.
Prices for 8-oz. Bottles ...	3/3	4/3 per gross
,, 16-oz. ,, ...	4/9	5/9 ,,

Other sizes—Prices on Application.

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for ½-gall. and 1-gall. Jars.

RED & BLACK RUBBER CORKS of the Best Quality for Laboratory use.

Inquiries Solicited.

Garden City Rubber Company

Manufacturers of all Rubber Specialities for Medical, Chemical & Laboratory use,

Letchworth, Herts.

Telephone: Letchworth 54. Telegrams: "Rubber Letchworth."

EXCELSIOR CREPE BANDAGES. FAST EDGE.

EXCELSIOR CREPE BANDAGE NAME

Owing to the War, the supply of Crepe Velpeau Bandages is discontinued. We, are, therefore, placing on the market a bandage of English manufacture which will be sold as

GIMBER'S EXCELSIOR CREPE BANDAGE

TRADE MARK.

An Elastic Bandage. Containing no Indiarubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 2½, and 3½ inches wide. Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and useless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

Wholesale of

W. GIMBER & SON, Surgical Bandage and Instrument Makers, 44 Queen's Rd., PECKHAM, LONDON, S.E.

And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c.

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HIGH-CLASS BRITISH MADE

SAFETY RAZORS

Supplied FROM STOCK—NO WAITING

Price from 45/- doz.

Complete in case with sheaths, etc.; sample on receipt of P.O. 4/-

Special quotations for quantities.

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WHOLESALE ONLY. MANUFACTURERS OF Established 1901

Surgical Dressings,

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Also 9 Fore Street Avenue, LONDON, E.C.

Branch Works—Waterfold Mills, Heap Bridge, BURY.

MERCERISED CORDS

FOR TYING-UP PERFUMERY, &c.

CORDS FOR SPONGE BAGS

CORDS FOR SOOTHERS

MEDICAL TWINES

ALL SIZES AND COLOURS IN STOCK

The Albion S.C. Co., Ltd. FAWLEY MILLS, TOTTENHAM, **London, N.17**

PHONE—2122 TOTTENHAM. TELEGRAMS—"ENCAGED, PHONE, LONDON."

She scents a bargain!

WHEN a customer first sees a Sorbo Sponge, she can hardly believe it *is* pure rubber. In colour, softness, texture, appearance, it is so like the very finest natural sponge. But she gives it a little tug, to feel how much tougher and more durable it is. And when she looks at the price-label . .

All women love a bargain. That is why Sorbo Sponges are having such a phenomenal success everywhere. They are so obviously *better value* and finer quality than any other sponges on the market that they sell at sight. And you get a handsome profit on every sale.

Send a trial order to-day and display Sorbo Sponges. A parcel of three dozen assorted sponges will show you 33⅓% profit.

YOUR WHOLESALERS CAN SUPPLY

Sorbo Sponge

THE MOST ABSORBENT RUBBER SPONGE

Protected Retail Prices:

No. 1, 1/3; No. 2, 2/-; No. 3, 3/-; No. 4, 5/-; No. 4R, 7/6; No. 5, 10/6

SORBO RUBBER-SPONGE PRODUCTS, LIMITED,

Telephone: CITY 9372. **24, Walbrook, London, E.C.4.** Telegrams: Osorbeau, London.

DRY BATTERIES FOR TORCHES AND POCKET LAMPS

Catalogue sent on Application.

SIEMENS BROTHERS & CO., LTD.
WOOLWICH, LONDON, S.E.18

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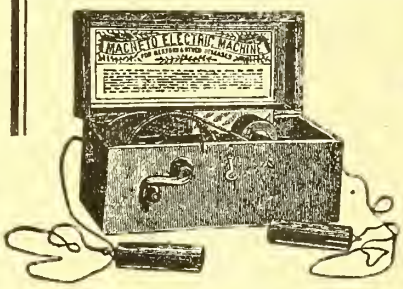
PORTABLE
Electro - Medical ACCESSORIES.
60-page illustrated catalogue sent on request.

Ward & Goldstone Ltd.
SALFORD MANCHESTER

Electric Hair Brush.
Recommended for promoting growth of Hair. Retails at 5/-.



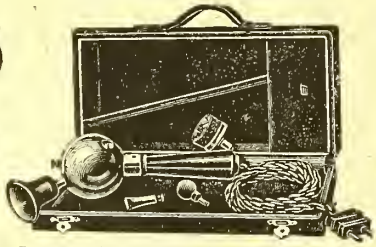
Magneto Machines.
Size 10×5½×4½ in.
Very powerful Machine in Polished Hardwood Case complete with Regulator, Cords and Handles. Gives a mild or powerful shock according to the speed the handle is turned Retails at 21/-. See Catalogue for full particulars.

Electric Hot or Cold Air Douche.

A Toilet luxury. A Bathroom Necessity. Warm or Cold Air can be blown where desired. It is of the utmost value for Rheumatism, Gout, Lumbago, etc. etc. Price complete with connecting cord and adapter. Retails at £5 10s.

Electric Shaving Pot.
Will heat half pint water in a few minutes. Retails at 12/10. Extra with Flexible Cord and Adapter to connect to any convenient Lampholder 4/6.

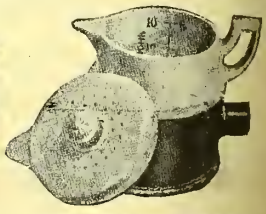
"Sampson" MASSAGE VIBRATOR.



Recommended for Rheumatism, Obesity, Paralysis, Neuralgia, Nervous Diseases and as a general tonic for stimulating the Nerves. In handsomely finished leatherette case lined with velvet, complete with richly nickelled Electrodes Retails at £6. Supplied to work from Electric Lighting Circuit or Dry Batteries.

"Delia" Medical Coil.
British made

Superior quality Hardwood Case fitted with Automatic Switch, fall-down front, containing a powerful coil with regulating tube, two-way switch, two batteries, etc. Retails at 60s.



Electric Food Warmer.
Graduated scale showing tablespoonful and liquid ounce marked inside. For the Bedroom, Nursery, or Sick Room it is the ideal Food Warmer. Retails at 12/10. Extra with Cord and Adapter 4/6.

Sutcliffe Bottle Dryer

ILLUSTRATION of a Combination Bottle Dryer specially designed for Manufacturing Chemists. Six to ten gross can be dried in the cupboard per hour, and at the same time large bottles can be dried on the tubes at the rate of two thousand a day of ten hours.

We have supplied scores of these machines, and can give references in every district in Great Britain. Among the best-known users are: Messrs. Allen & Hanburys Ltd.; Bleasdale Ltd.; Boots Ltd.; W. J. Bush & Co., Ltd.; W. B. Cartwright Ltd.; British Drug Houses Ltd.; Duncan, Flockhart & Co.; R. Gibson & Sons, Ltd.; Hirst, Brook & Hirst Ltd.; Johnson & Sons; Lofthouse & Saltmer Ltd.; Meggeson & Co., Ltd.; Yardley & Co., Ltd.; etc.

We also make special Plant for Drying Confectionery & Chemicals.

Illustrated Catalogue Sent on Request.

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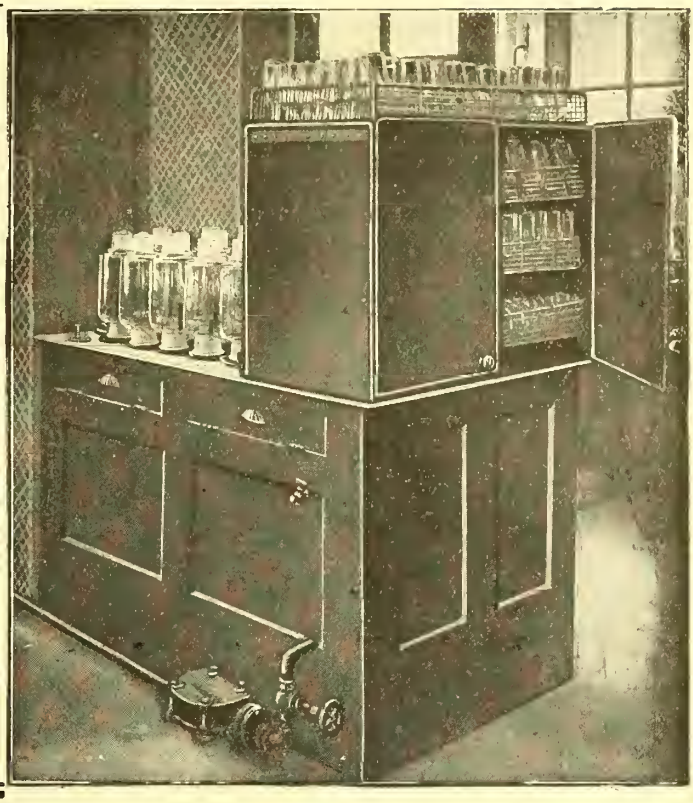
Cathedral Gates, Manchester.

Telephone No.: 3920 City
Telegraphic Address: "Ventilabro."



Tubes, Jars, Pots, Filling Machine

THE "CENTRAC" MACHINES

for Filling Collapsible Tubes, Bottles, Pots, Jars, &c., and for Closing Collapsible Tubes.
Hand or Power driven.

Made in England.
Strong, Simple, Reliable. Easy to Work.

SOLE MAKERS:
THE BANISTER STREET WORKS, Ld.
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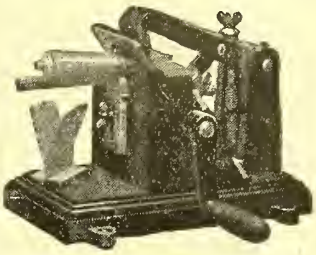

Hand Tube Closing Machine.

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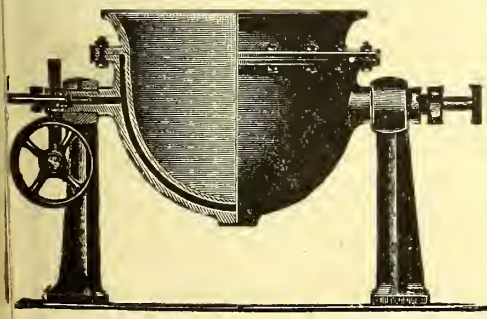

Suitable for all Temperatures and Pressures.

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33-39 Chemin des Culattes, LYONS, France.
Suppliers before the War to the largest European Manufacturers of Chemical Products.

Write for Price List to Sole Representative:
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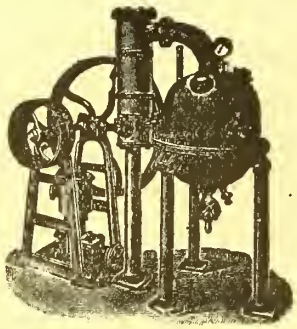
Tel.: Regent 2460



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EVAPORATING PANS.
AUTOCLAVES AND DIGESTORS.
SPECIAL APPARATUS AND PLANT FOR MANUFACTURING CHEMISTS.

SOLE MAKERS of BENNETT S PATENT 'IDEAL' ANNULAR FILM CONDENSERS.
SHEARS' PATENT MULSER.

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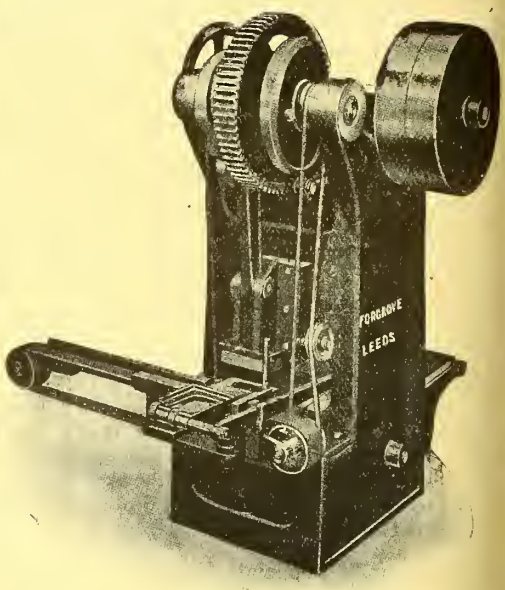

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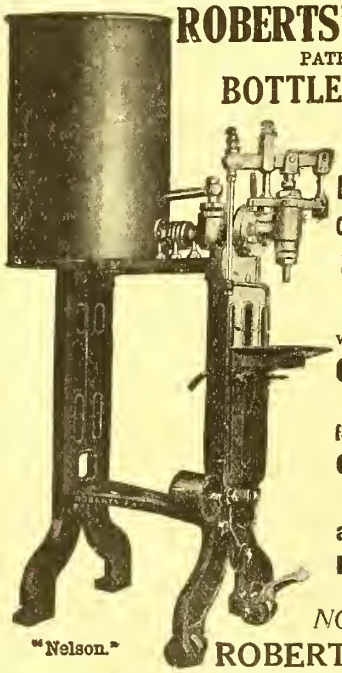

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Don't waste money on imitations, buy Roberts' Machines which actually **Created the Records** for **CLEANLINESS SIMPLICITY, and Rapidity in Bottle Filling.**

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A NEW DESIGN on modern lines, of lightness and great strength, without clumsiness. Is quite fool-proof, all electric and other complications discarded. Extremely simple and adapted for girl labour. Dripless, owing to new rapid and perfect cut-off.

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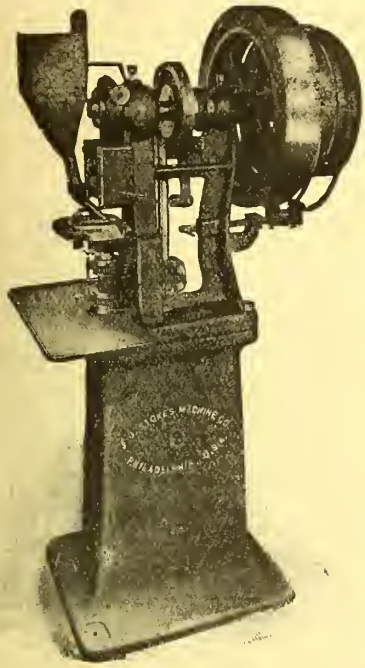

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Makes Tablets up to ⅝-inch diameter.

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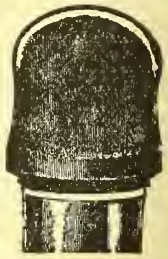

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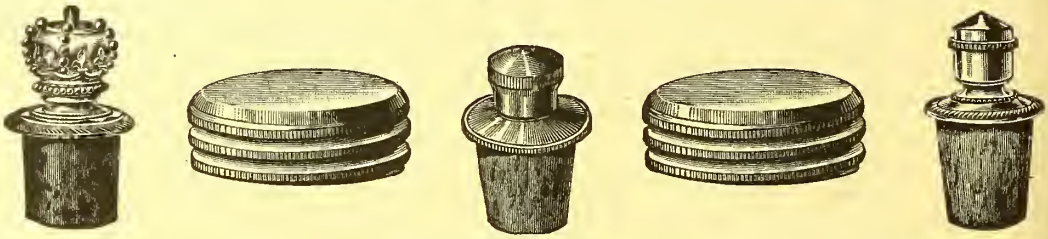

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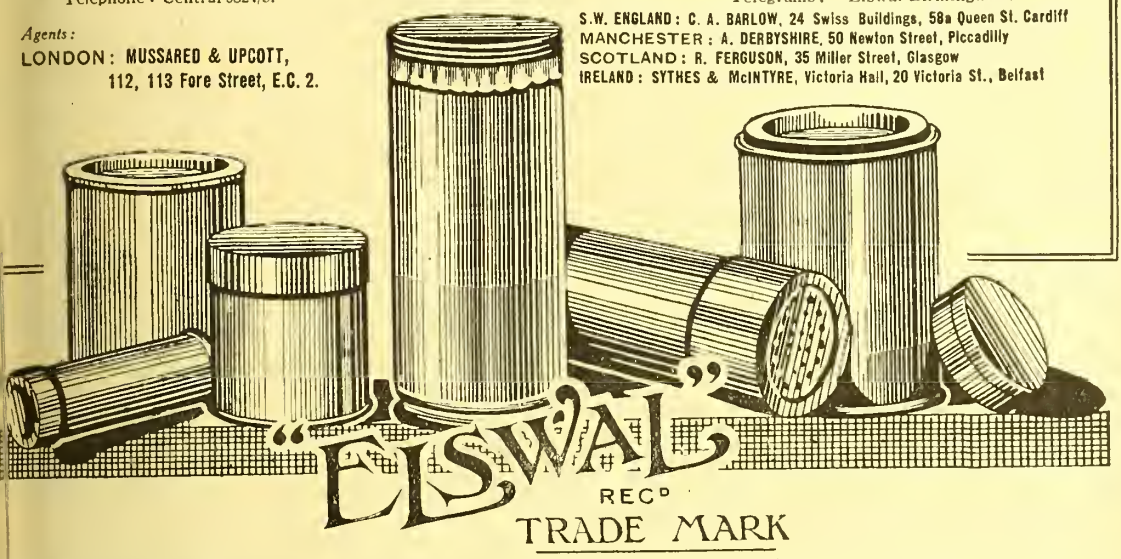

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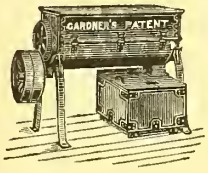

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Have replaced the old Willow Boxes.

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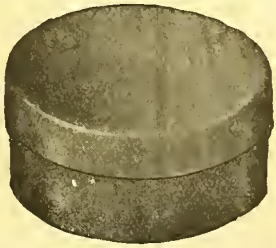

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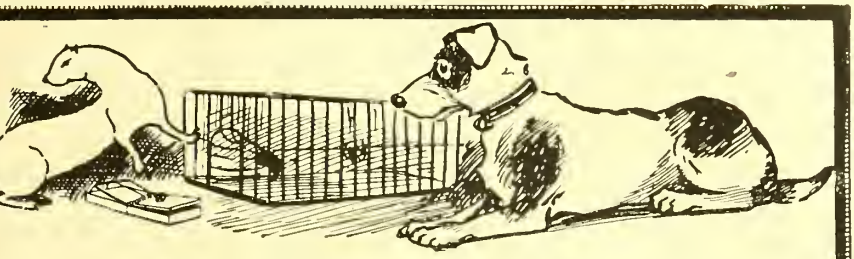

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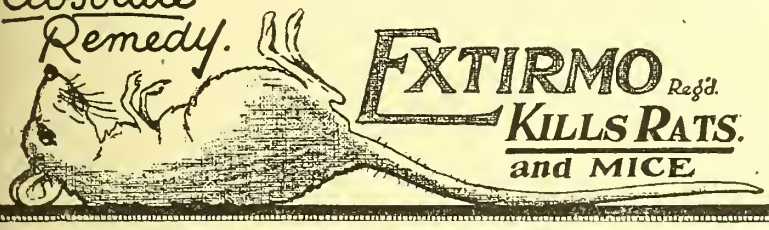

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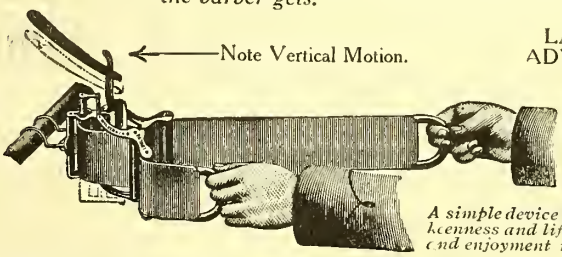

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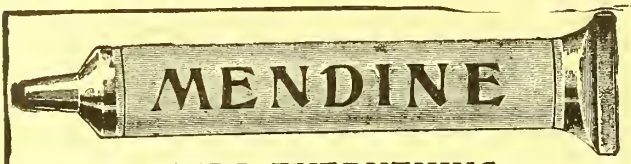

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6 Doz & 1 Doz Bonus
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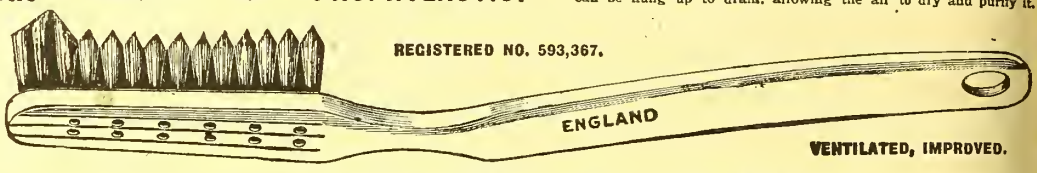

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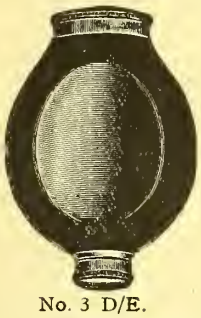

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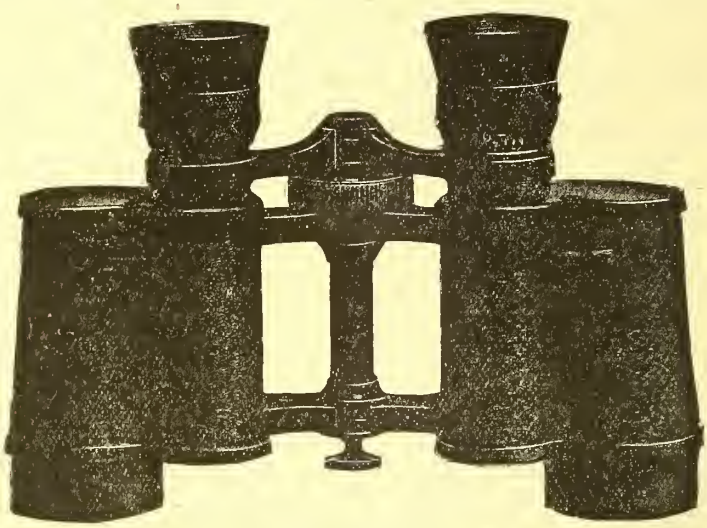

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CANNON ST.
ONDON, E.C.4.
SUPPLEMENT
APRIL 24, 1920
h Supplement is inserted in every copy of The Chemist & Druggist

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The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

SOUTH-EAST COAST.—£1,200; good-class Family Prescribing, Dispensing Business; good position; easy to work; no near opposition; genuine concern; good opening for Dentistry, Photography, or Optics; with convenient house. Apply "Alt" (64/13), Office of this Paper.

CHEMIST'S Business in Edinburgh for Sale; turnover steadily increasing; last year's turnover £2,250; prescriptions number 7,426, including repeats, and 550 N.I. forms; average gross profit about 40 per cent. of turnover; rent moderate; reason for disposal retiring. Apply by letter to 59/26, Office of this Paper.

CHEMISTS.—An excellent opportunity for securing a Drug Stores in a busy main street, N.W. 1 of London, where a sound business can be maintained; at present under a manageress; a good business can be derived from amongst 3,000 employees, as well as good family trade; large scope for panel and private Dispensing; interview by appointment; this is a genuine offer to genuine buyer for cash; remarkably low rental; selling at £100, including stock, etc.; immediate possession. Cinchona (P.C.B. 60/36), Office of this Paper.

FOR immediate Disposal, Stock and Fixtures of Drug Store (in good condition, good small fittings); has been run as Chemist and Photographer; owner has now bought Photographic business and wants rid of Chemist's stock; would sell at 10 per cent. below valuation, or £300 the lot. Walker, Precs Camp, Salop.

LOCK-UP Drug Stores, doing about £18 weekly at big profits; energetic qualified man, introducing N.H.I., Photography, and own specialities, could soon do double; working-class locality, near King's Cross; low inclusive rental; new lease can be arranged; best offer accepted for immediate sale. "Rhei" (63/21), Office of this Paper.

BRETT & CO.

Transfer Agents & Valuers,

73 LAUREL ROAD, LEICESTER.

We have cash Buyers f[illegible] all sizes and classes [illegible] business.

PARSON C. BAKER Ph C., M.B., 4 Cyprus Road, Chu[illegible]

Wm. ROOKE ROBERTS, M.P., F.S.M.

174 Victoria Street, S.W.1. Tel.: Victoria 27.

Valuers for Purchase, Sale, Probate, Income Tax, Balance [illegible]

Recommended by The British Drug Houses, Ltd., Messrs. [illegible] Ltd., Messrs. Barclay & Sons, Ltd., and many other leadi[illegible] sale Houses. Valuers to the Association of Manufacturin[illegible]

THOS. TOMLINSON & [illegible]

CHEMISTS' VALUERS, TRANSFER AGE[illegible] AND EXPERT STOCKTAKERS.

45a MARKET STREET, MANCHESTER.

Established over Half a Century.

Telegraphic Address: "Tomtom."

FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, [illegible]

AMBER Tablet Bottles, about 3 gross each, 1½, ¾ [illegible] gross 8-oz. White Panel Flats; 20 gross Glass [illegible] corked, 2¾ × ¾ diameter; 2 gross Screwed Capped (500 [illegible] Bottles. What offer for either or lot? "Tab. Bot[illegible] Office of this Paper.

BRASS Mortar and Pestle, ½-gall., diameter at fla[illegible] weight 41 lb., £2; Iron Mortar, similar, 20s.; M[illegible] 7s. 6d.; 2 Plano-convex Lenses, blue, for lamp 6 in[illegible] 10s. Lockyer, Chemist, Deptford, S.E. 8.

FOR Sale, Nest of 100 yellow pine Drawers, glass [illegible] Nests, old-fashioned, about 40 Drawers total; [illegible] room on wheels, 7 ft. by 44 in. by 38 in.; Lemon [illegible] Specie Jar, large, Suppository Mould, Mortars, and Pes[illegible] and assorted Shop Rounds, G.P. Labels, Shop Jar [illegible] Machine, brass ground. Apply "Fixtures," c/o 5[illegible] Street, Liverpool.

EXCELSIOR Check Till for Sale; length 18 in., [illegible] height 7 in.; good condition; also American Sod[illegible] Boutalls, Ltd., 150 Southampton Row, W.C. 1.

MACHINERY FOR SALE.—One each, Tablet-makin[illegible] ½ in. single punch, 1 in. triple punch, and quad[illegible] up to 2½ in. by 1½ in. Write R. May & Co., 27 Ol[illegible] S.E. 25.

OPTICAL Trial Case; well made in leather; suita[illegible] door work, containing best-quality convex, c[illegible] cylindrical lenses in nickel and gold mounts; trial Fr[illegible] soopes, Lens Meter, Practice Eye, etc., suitable for [illegible] mencing Optics. Write for particulars, G. E. N., [illegible] Southfield Park, Pinner, Middlesex.

SAPO. CAST. PULV. B.P., 2 × ½-cwt. kegs; [illegible] Western Dental Manufacturing Co., Denmark [illegible] Ealing.

WHAT OFFERS?—About 40 White Glass Shop R[illegible] quality. Also 9 × 8 oz. Pill Pots, green and wh[illegible] Office of this Paper.

AGENCIES.

0 words or less; 6d. for every additional 10 words or less, prepaid.

rtiser may, if preferred, have replies addressed to this and forwarded on payment of an additional charge of 1/-.

TABLISHED and well-known firm of Continental ical and Drug Merchants, with well-organised system , covering the whole of Central Europe, desire to take tributing rights for own account of first-class and well- oprietary Articles in the Chemical, Drug, and allied ply, by letter in first instance, to H. W. Braun, 5 Avenue, London, E.C.4.

TIAL Agent in Wales, representing one of the best- and old-established Manufacturers of high-class Per- Toilet Preparations, and calling regularly on Chemists, a agency in Drugs, Sundries, Pills and Tablets, known s, or Toilet Goods, such as Puffs, Manicure Sets, etc. lars to 63/31, Office of this Paper.

BUSINESSES WANTED.

words or less; 6d. for every additional 10 words or less, prepaid.

tiser may, if preferred, have replies addressed to this d forwarded on payment of an additional charge of 1/-.

Suburb; main road; taking at least £2,000; house d preferred. Full particulars, in strict confidence, ice of this Paper.

SER, with ample capital, seeks good-class Business bout £50 or £60 in London or South of England in or small town, or would entertain partnership in n where push and industry may be expected to ness. "Statim" (60/35), Office of this Paper.

ER requires Chemist's Business; London (main fare), N.W. or W. preferred, other localities enter- accommodation if possible; returns about £2,500 to s treated in strictest confidence. Apply "M. A. H." e of this Paper.

wanted, doing at least £1,500 per annum; living dation essential; all replies treated confidentially. itcham Lane, Streatham, S.W.

or Suburban Business Wanted in good locality; ass Retail and Dispensing; returns £2,500-£3,000. of this Paper.

wanted, London or near; advertiser will purchase or barter good modern house, with possession; ict investigation; all replies answered and treated ence. 64/18, Office of this Paper.

T requires Business in market town; house accom- ; one with scope for increase preferred. 64/3, Paper.

Advertiser is willing to purchase a sound Business, with good house attached, in decent preferred, with turnover at least £2,000; cash "Statim" (62/4), Office of this Paper.

to person giving information (if acted upon) of opening for Chemist's Business, or to person intro- er to vendor of sound Business returning about lthy locality and with good house and garden (if); no agents. Apply 60/37, Office of this Paper.

APPRENTICESHIPS.

ESHIP wanted; premium paid, etc., War Pensions for youth, 16 years; good appearance; country live in. E. Olding, Palmer's Stores, Ltd., Ham-

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BRADFORD.—Assistant, unqualified, for General Retail and N.H.I. Dispensing; outdoors. Apply, personally or by letter, stating salary required and full particulars, etc., to John Day & Sons, Chemists, Laisterdyke, Bradford.

BRIGHTON.—For high-class Retail and Dispensing business, young qualified Assistant; single; good Dispensing experience an essential. Please give usual particulars in first letter, and enclose photo (to be returned), Parris & Greening, 105 Church Road, Hove.

CHESTER ROYAL INFIRMARY (216 Beds).—Dispenser required; must be qualified Pharmacist; salary £240 per annum. Applications, stating age, and accompanied by copies of testimonials, to be sent to the Secretary, from whom all particulars may be obtained.

EASTBOURNE.—Improver wanted for high-class Dispensing business. State salary (outdoors), with usual particulars, enclosing carte, to H. R. Browne, Pharmaceutical Chemist, Eastbourne.

ESSEX.—Well-trained competent Senior Assistant, for May 16, for good all-round Country Business, including Retail, N.H.I., Photographic, Agricultural, and Optical; indoors, with another Assistant and Housekeeper. Send full details and salary required to Essex (65/1), Office of this Paper.

HULME DISPENSARY, Manchester.—The Committee invite applications for the post of Honorary Chemist, now vacant; candidates must be fully qualified. Applications must be forwarded on or before Wednesday, May 5th, to the Hon. Med. Sec., Hulme Dispensary, Dale Street, Stretford Road, Manchester.

LIVERPOOL.—Qualified Manager wanted; salary five guineas weekly; also Junior, salary three and half guineas. Full particulars to R. & J. Herman, Pharmacists, Colonial House, Water Street, Liverpool.

LONDON, S.W.—Qualified Manager wanted for good-class Dispensing and family business, run on modern store business methods; must be good Salesman, capable, energetic, and of good appearance and address; good salary and commission on profits to a really live man. Give full particulars in first letter to Lion Drug Stores, Ltd., 15 Madeira Place, Brighton.

LONDON, S.W.—Unqualified Junior Assistant, with good Dispensing experience, wanted (immediately) for Counter and Dispensing. State full particulars age, experience, salary required outdoors, etc., to A. T. Gray, 5 High Street, Barnes, S.W. 13.

LONDON, W.—Competent Assistant required; one accustomed to Dispensing preferred. Write or call, John, 12 Wigmore Street, London, W.

LONDON, W.—Competent unqualified Assistant; Dispensing and Counter; moderate hours. Full particulars and salary required to 64/11, Office of this Paper.

LOUGHBOROUGH.—Smart Junior required for Dispensing and Counter; short hours; no Sunday duty. Apply, giving full particulars as to age, experience, salary required (outdoors), to E. J. Latimer, 24 Market Place, Loughborough.

MANCHESTER.—Junior Lady Assistant required, with Dispensing and Counter experience. State salary required and particulars to 65/5, Office of this Paper.

SKEGNESS.—Wanted, experienced Assistant; May 17th till end of September; salary £4; fares paid; references and photo if possible. Hall, Chemist.

SOUTHEND.—First-class Junior Assistant for front Counter; outdoors. Age, photo, references, to Holloway's Pharmacy, 136 The Broadway.

SURREY.—Wanted for three or four weeks August, qualified man; young, gentleman; undeniable references; state terms (outdoors). Apply "J. K." (60/27), Office of this Paper.

UXBRIDGE.—Assistant or Junior, 20 to 22, wanted at once for middle-class business; Counter work with little Dispensing; hours 9 to 8, Wednesday half-holiday; lovely country, near London; comfortable berth. Apply, with full particulars of experience, height, salary (outdoors), to Hitchen, Chemist, 20 High Street, Uxbridge.

WITHAM, ESSEX.—Qualified Manager wanted for brisk country business; must be capable and energetic; easy hours; good house attached. Apply, giving full particulars as to age (under 40 preferred), references, experience, and salary required, to T. Bellamy, Pharmaceutical Chemist, Chelmsford.

WOOLWICH TUBERCULOSIS DISPENSARY, MAXEY ROAD, PLUMSTEAD, S.E. 18.—A certificated Nurse-Dispenser (Sanatorium experience essential) is required for the above institution; salary £195 per annum, including bonus up-to-date, with uniform allowance of £7 10s. per annum. Applications, with three recent testimonials (not returnable), to be sent to the Secretary, not later than May 5th, 1920.

YORK EQUITABLE INDUSTRIAL SOCIETY, LTD.—Wanted, unqualified Assistant as First Hand; must have had quick Retail experience; Photographic knowledge a recommendation; hours 46; wage 70s. 6d. Apply by letter, enclosing copies of two recent testimonials, to be received not later than Tuesday, April 27th, addressed to 22 Railway Street, York.

A RELIEF Assistant for one or two months to assist with the books and general shop work in a good-class country Retail; short hours; outdoors; state salary (outdoors). Frank Oldham, Chemist, Wisbech, Cambs.

A THOROUGHLY competent, qualified Assistant for good Dispensing and Retail business. W. Pickard, 3 West Kensington Terrace (opposite West Kensington Station), W. 14.

ALL-ROUND qualified Assistant wanted at once for good-class country business; one not afraid of work, experienced, capable of taking charge; age 26-35; hours 8.30 till 8, Saturdays 8.30 till 9; usual half-day; alternate Sunday duty 6 p.m. till 8 p.m.; outdoors. Give fullest particulars to W. H. Dixon & Sons, Ltd., East Grinstead.

ASSISTANT wanted for Surgical Instrument business. Reply, stating full particulars of experience; salary £250. G. B. Ritchie, 249 Buchanan Street, Glasgow.

ASSISTANT Manager required for good-class country business; knowledge of Optics and Photography essential. Apply by letter, stating salary required, experience, when disengaged, enclosing references, to Mrs. Harrison, "Homeleigh," 152 Sutherland Avenue, London, W.

ASSISTANT (unregistered) wanted for Chemists' mixed business. Please state salary required, experience, and full particulars, Messrs. Hulme & Co., Ltd., 132 Huddersfield Road, Oldham.

ASSISTANT required, qualified or unqualified (male), for Dispensing and Retail. Apply B. Hooper & Co., 43 King William Street, London Bridge, E.C. 4.

COMPETENT Assistant; accustomed to good-class Retail and Dispensing, with Photographics. Kindly state age, height, details of former experience, salary expected (outdoors), and when disengaged, to D. T. Evans, Chemist, Margate.

COMPETENT Junior (male), for a few months, in quick Cash business; good Salesman essential. Apply, giving full particulars of age, experience, and salary required (outdoors), to Williamson, 579 Foleshill Road, Coventry.

DISPENSER wanted for good-class Dispensing business on May 1st; must be quick, accurate, and experienced; outdoors; easy hours. Apply, with full particulars, salary required, etc., to Hickman & Metcalf, Newbury, Berks.

GENTLEMANLY Assistant required for good-class business. Apply, with full particulars and salary required, to H. Monkhouse, Chemist, Derby.

JUNIOR Assistant (lady or gentleman) wanted for good-class business; outdoors; easy hours; no Sunday duty. Please state age, experience, and salary required to H. Barnett, Chemist, 110 High Street, Hythe, Kent.

JUNIOR, unqualified, good appearance and address, for West-End Dispensing Business. State age, height, experience, and salary required (outdoors), to 64/15, Office of this Paper.

QUALIFIED Junior Assistant (male) wanted for Department. Apply John Bell & Croyden, Ltd., 5 Street, W.

QUALIFIED Chemist wanted (immediately) as Manager; must reside in and have London experien wages for suitable applicant, who must have a kn Photography and Optics; highest references required. Parke's Drug Stores, Ltd., 65 Harmood Street, Ken London, N.W., any morning (except Saturday) betw and 11.30 a.m.

QUALIFIED, for South London; active, and used to trade. In reply please state age, references, s usual particulars to 13/8G, Office of this Paper.

QUALIFIED Assistant for North London business; trade and Dispensing; easy hours; give full references, salary, age, etc.; live out, or two unfurnis and use of kitchen could be provided on premises. 6 of this Paper.

SALESWOMAN, and to help at front Counter gen high-class West-End Pharmacy; French-speaking Apply, stating full details of previous experience, lond (33/8k), Office of this Paper.

PHARMACEUTICAL SOCIETY OF IRELAND

THE Council of this Society will, on May 11th, 192 to the appointment of an Examiner for the Pharmacy Division of the Pharmaceutical License Ex subject to the approval of His Excellency the Lord Lieu Privy Council of Ireland.

Full particulars will be supplied by the Registrar, applications should be lodged not later than May 3rd, 1920.

ARTHUR T. FERR

67 Lower Mount Street,
Dublin.

UNQUALIFIED Assistant required (at once) for Dis married, flat, rent and taxes free. Deeks, Chemist I.W.

UNQUALIFIED Assistant (outdoors); energetic a worthy; permanency; good prospects for suitable hours 9 to 7.30, Thursday 1, Friday 8, Saturday 8.30; duty; state age, height, experience, references, salary and when disengaged; enclose photo, to be returned Reade, Pharmaceutical Chemist, 17 Lichfield Street, W ton.

UNQUALIFIED Assistant; good plain all-round Counter, Dispensing; some knowledge of Veteri useful, but not essential; live out; dinner and ten in; duty; easy hours. Apply, stating salary required, Wy way, Barnes, S.W.

WANTED, a smart Junior Assistant in a good-class business. Apply, with full particulars and salary to P. Stacey, Pharmacist, 81 High Street, Teddington

WANTED, near Manchester, qualified Assistant; wo district, with N.H.I. Dispensing. Please state a required, and experience, to 62/25, Office of this Pa

WANTED, Dispenser-Bookkeeper; previous experie sary. Address, stating age, experience, references, required (outdoors), 63/14, Office of this Paper.

WANTED (immedintely), for two or three month qualified Chemist (lady might suit); light count easy hours; no Sunday duty. Apply, stating salary req to Chemist, Rayleigh, Essex.

WANTED, unqualified Assistant, accustomed to N.H. ing and quick Counter trade; outdoors. Apply, or by letter, to J. Patterson, 52 Ilford Lane, Ilford.

WANTED, Assistant, unqualified, for Mixed Retail; or Bank Holiday duty; state age, height, salary references. Apply Gibson, Chemist, Burton-on-Trent.

WANTED, a Junior Assistant (male). Apply, giving and full particulars of experience, also salary (outdoors), to Glaisyer & Kemp, 11-12 North Street, I

YOUNG lady, with two or three years' experience, f and Dispensing; easy hours. Send photo and st required to "B." (62/21), Office of this Paper.

YOUNG lady (Junior) wanted, temporarily; Midlan particulars to 60/22, Office of this Paper.

WHOLESALE.

ertiser may, if preferred, have replies addressed to this and forwarded on payment of an additional charge of 1/-.

OOL.—Wanted, an experienced man to work a small facturing plant; good remuneration to one willing to e particulars of experience and salary required. Apply ice of this Paper.

ICAL.—Chemist required to take charge of Analytical atory of provincial Wholesale house; Institute of and Pharmaceutical qualifications desirable. Apply, articulars, to 35/6S, Office of this Paper.

NT (young) wanted in Food Products Department of sale house. Apply by letter, stating experience and red, to P.O.B. 59/14, Office of this Paper.

Assistant wanted for Buying Department with experi- Druggists' Sundries; must be expert Shorthand Typist; district. Apply, with full particulars and salary re- 3, Office of this Paper.

Clerk (male) for Sales Department of London Export sts; some experience; commencing salary £78 per ly by letter, stating age, to 7/5D, Office of this

Warehouse Assistant required by City firm of Chemical nts; accustomed to packing and despatch of Chemi- ; age 18-20 years. Write, stating age, experience, required, to "Warehouse" (13/7G), Office of this

RY Worker required for North London (spare-time ; used to Toilet Preparations. Apply 5/9C, Office

RY.—Messrs. Savory & Moore require a Pharmaceu- aboratory Hand. Apply, in writing, stating age, ed, experience, and giving references, to Laboratory New Bond Street, W. 1.

aa with sound experience of Crude Drugs wanted import and export house; commencing salary £500 upwards according to experience; applications ict confidence. Write, stating experience fully, to /5G), Office of this Paper.

D Assistant, to take charge of Poison Department cial Wholesale house. Apply, giving age, previous d salary required, to "Ath" (35/8S), Office of

ATIVE with London connection required by manu- of high-class Toilet preparations. Apply 59/28, aper.

ATIVE required by high-class Perfumery Manu- must be energetic, experienced, and with good g Chemists and Hairdressers; salary with commis- man. Apply, stating age, experience, and salary , Office of this Paper.

ATIVE wanted for London and suburbs; must connection with Chemists. Apply by letter, giving of previous experience, age, and salary required, 2, Office of this Paper.

ATIVE required, with good connection Chemists for high-class and medium Toilet Preparations; burbs; good commission. Apply "T. J. C." of this Paper.

TIVE.—Required (at once), Resident Represen- Yorkshire, by well-known Wholesale Chemists; ction with Pharmacists and Medical men essen- pportunity for experienced man. Send full par- ification, salary required, etc., to 3/8B, Office of

TIVES required to push special Medicated and a Digestive Preparation among Chemists viacial and coastal towns; no objection to other ed provided they are not of the same nature. in first letter, ground covered, terms required, to Box 66, c/o Crossley & Co., Ltd., 5 Racquet et, E.C. 4.

TIVES, with established connection amongst uired for the following territories: South Coast, st Coast, and North of England, to represent of Eau de Cologne and packed Olive Oil on com- ll particulars to 54/9, Office of this Paper.

REPRESENTATIVES, with live connections, wanted for the sale of General Packed Goods (Medicinal and Toilet), Perfumes, etc.; applicants must be good Salesmen, not order collectors; state territory worked, goods carried, experience, age, and terms; replies should give fullest particulars, which will be treated in strict confidence. Lorimer-Marshall, Ltd., 12 Tower Hill, London, E.C. 3.

RETURNS Clerk (young), for Patents and Sundry House; also Pricing Clerk. Letters only, stating age, experience, etc., H., 207 Croxted Road, West Dulwich, S.E. 21.

TRAVELLER required for Druggist Sundries and Dressings for N.E. and S.E. London. Apply with full particulars to 3/70B, Office of this Paper.

TRAVELLERS wanted for South Wales, also for North of England, by importers of French Druggists' Sundries and Fancy Goods; commission basis; selling to Wholesalers only. Write, stating age and references, 7/4D, Office of this Paper.

TRAVELLER wanted, calling on Hairdressers and Chemists, to sell Toilet Preparations, etc.; commission basis. Reply by letter, stating ground covered, "Select" Toilet and Perfumery Co., Vernon Road, Rood End, Oldbury, Birmingham.

TRAVELLER wanted, calling on Chemists, etc., to carry as a side-line a non-competitive Toilet Preparation on a good commission basis. Apply 63/23, Office of this Paper.

TRAVELLER required by London firm of Manufacturing Chemists, to call on West-End Doctors; previous experience not essential, but must be young, of good appearance, and sound knowledge of Drugs, etc. Apply, giving full particulars, to 14/9H, Office of this Paper.

WANTED, experienced youth for Wet Room. Apply Laboratory, Goodall, Backhouse & Co., 7 White Horse Street, Leeds.

WHOLESALE Sundries Trade.—Experienced Buyer's Clerk required; good prospects. Please state age, experience, wages desired, and customary information, 64/4, Office of this Paper.

A FEW LIVE REPRESENTATIVES

WITH established connections amongst Chemists and Hairdressers are required immediately to handle a series of Toilet aids (bulk and packed) on commission only; 15 per cent. will be paid to good men who can book orders of magnitude, and half commission will be paid weekly on all orders accepted. The following territory is open: Welsh Counties, North to Flint, Western Counties, and South and East Coasts. Write full, stating territory usually covered and how often, to "Magnus" (62/23), Office of this Paper.

YOUNG man required for Export and Shipping Department of Manufacturing Chemists; knowledge of French and shipping essential; one with knowledge of Chemicals preferred. Apply, stating age and full particulars, to 15/4J, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BRITISH EAST AFRICA.—Qualified Chemist's Assistant wanted, under 30, single, with knowledge of Photography preferred; healthy climate; easy hours; good prospects for suitable man; three years' agreement; passage paid out; salary £360, £390, £420 per annum for first, second, and third years respectively. Replies, stating full particulars of experience and references, to Zebra, 84 Fenchurch Street, London, E.C. 3.

FAR EAST.—A qualified Assistant, not over 30 years of age; must have had experience in first-class Retail and Dispensing business; good salary for the right man; passage paid out and home, on a four years' agreement. Address 62/18, Office of this Paper.

JAPAN.—Junior qualified Assistant, unmarried, age about 22, required immediately for old-established European Pharmacy in Kobe; must have thorough knowledge Retail and Dispensing trade; four years' agreement; second-class passage paid out and home; salary £180 first year, £192 second year, £204 third year, £216 fourth year; free board and residential quarters. Apply, with copies of testimonials and photo, to M. H. Export Department, S. Maw, Son & Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

PARIS.—Wanted, Assistant for English Pharmacy; accustomed to good-class Retail and Dispensing. Apply American Drug Supply Company, 6 Northumberland Avenue, London, W.C. 2.

STRAITS SETTLEMENTS.—Young Assistant, unmarried, with Chemist's qualification, a good knowledge of Optics desirable; four years' agreement; passage paid out and home; salary first year £490, second and third years £525, fourth year £560. Apply 140/34, Office of this Paper.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A JUNIOR (23), unqualified, desires post; good all-round experience Photography, etc.; good references; Northamptonshire or Leicestershire district preferred. Apply 64/26, Office of this Paper.

A QUALIFIED, experienced West-End Pharmacist desires responsible berth as Manager or Locum; permanency preferred. Duckett, 4 St. Andrew's Square, Surbiton.

ACTIVE, competent, reliable, age 35, desires a part-time berth; City or West-End preferred; 20 years' all-round experience at Counter, Dispenser, and Window-dresser; excellent references. Write for personal interview, "F. X.," Elm Cottage, Heatherside Road, West Ewell, Surrey.

ADVERTISER seeks permanency; unqualified; aged 37; married; good all-round experience, including Photography; disengaged; could invest up to £100 if necessary; excellent references. Apply 62/31, Office of this Paper.

AGED 21; one year Retail first-class Cape Town house; 4 years Manufacturing with Allen & Hanburys, Durban; time to study; passed Preliminary with view of taking Minor. Full particulars to J. W. Ware, c/o Standard Bank (South Africa, Ltd.), Clements Lane, London, E.C.

AGED 24; experienced; with a Durban Chemist; passed first-class College of Preceptors and Junior Cape Certificate; time for study, with intention of taking Minor. Address as above advertisement.
Both these gentlemen would like, if possible, to get into one establishment so as to be company for one another.

AS Manager or Assistant; qualified; 27; 10 years' General experience; good Salesman; practical knowledge Photography and Accessories. Apply 64/27, Office of this Paper.

ASSISTANT, young lady, five years' Counter and Dispensing experience, requires situation; N. Wales or Cheshire preferred; excellent references. "E. W.," Medical Hall, Lane End, Buckley, near Chester.

ASSISTANT or Manager; 48; well up in Dispensing, Counter, and Photography; active; good references; unqualified. "Statim," 118 Lime Tree Avenue, Eldon Road, Marsh, Huddersfield.

ASSISTANT, 22, unqualified, experienced Retail and Dispensing, requires situation immediately; good references. "J. E. T., c/o Adams, Mansfield.

ASSISTANT Dispenser requires berth; 27; sitting for Pharmacy in July; London or S.E. suburbs preferred. Apply 59/38, Office of this Paper.

ASSISTANT, 27, "Mat. Med." only required for qualification, desires position; City or West-End preferred; excellent references. Apply 35/78, Office of this Paper.

ASSISTANT; unqualified; 25 years' Retail, Dispensing, and Photographic experience; quick, accurate, good Window-dresser; Bristol or neighbourhood. Apply 62/19, Office of this Paper.

ASSISTANT; unqualified; temporary or permanent, hol part-time. Apply 63/6, Office of this Paper.

ASSISTANT; Lancashire district; brisk Counter work, ind excellent general experience; 50s. weekly; now d "Sales" (59/34), Office of this Paper.

ASSISTANT, Senior, Branch, Locum; 30 years' pr cal perience Dispensing, Prescribing, Counter, Photo, V rin disengaged May 3rd. "Mac," 5 Port Street, Evesham.

ASSISTANT, unqualified, married (31); first-class pen and Retail experience; excellent references; d iga season or permanency. Cox, 26 Magdalen Road, St. Le rd Sea.

ASSISTANT (female), used to Drug Stock-room k packing dry goods, etc., also brisk business in le g don Stores, seeks situation. Apply 64/32, Office of th

BIRMINGHAM.—Unqualified (26); 12 years' experie petent; trustworthy; till October. Farley, c/o 2 Street, Farnham.

CHEMIST-OPTICIAN desires permanent post; twel p Sight-testing experience; diplomas, M.P.S., F.S.M. Apply 64/36, Office of this Paper.

DISPENSER (Minor, Hall) requires post; experien and Doctor; London preferred, but not essential. 40 Corporation Road, Gillingham, Kent.

DISPENSER (Hall); lady; thorough experience of Surgery, and Institution work; excellent testim or near London. Apply 63/32, Office of this Paper.

DRUG Stores; Hall; single, active, elderly; South Country preferred; abstainer. "Statim," 100 C bury Street, Hyde.

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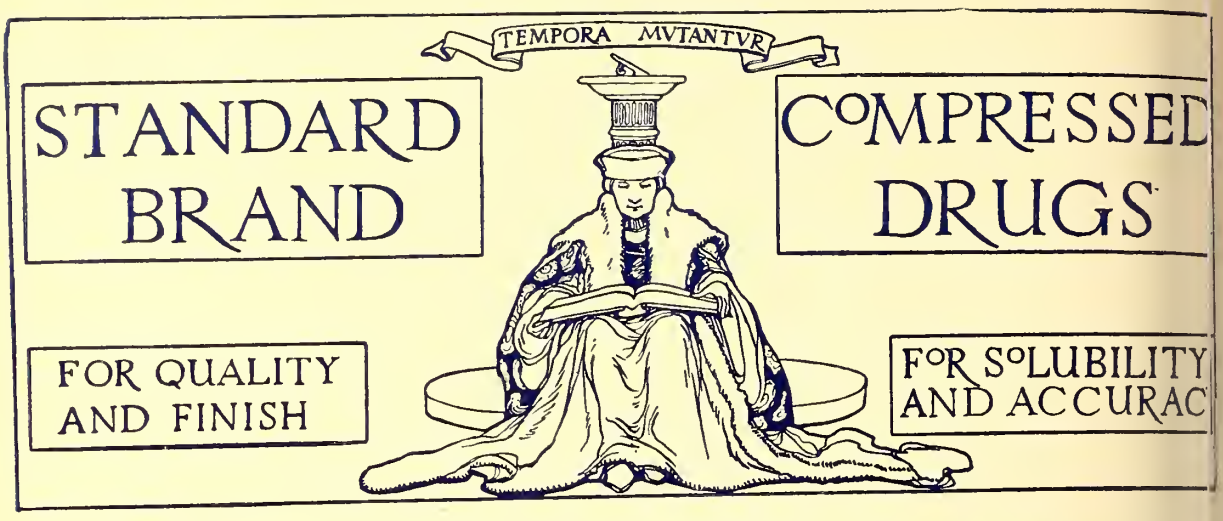

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